

FIG.4

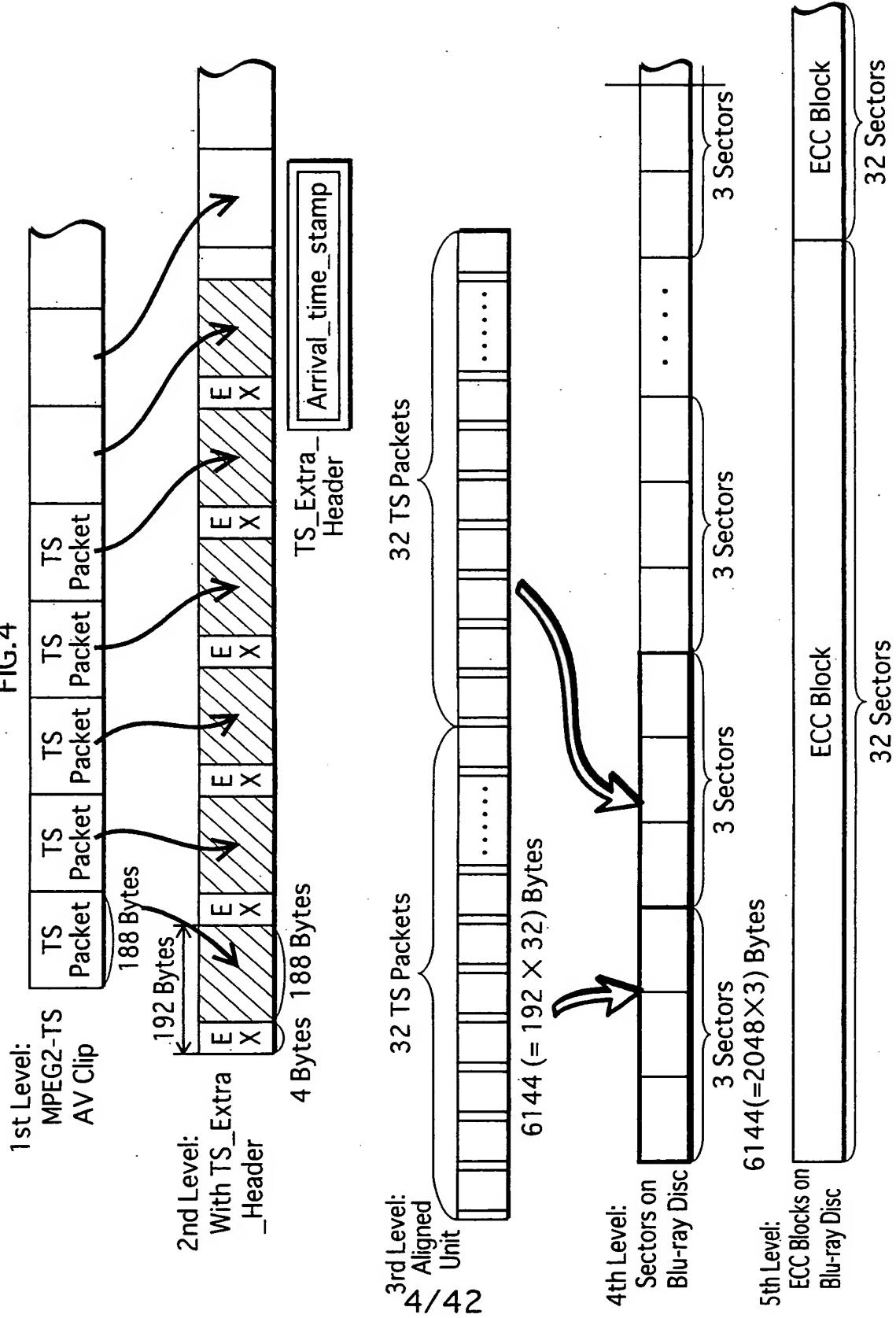


FIG.5A  
MPEG4-AVC  
Video Stream  
(Coding Order)

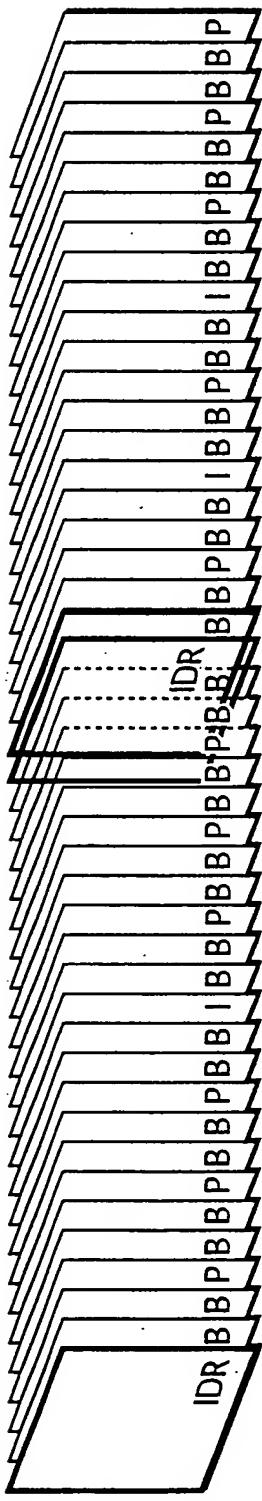


FIG.5B

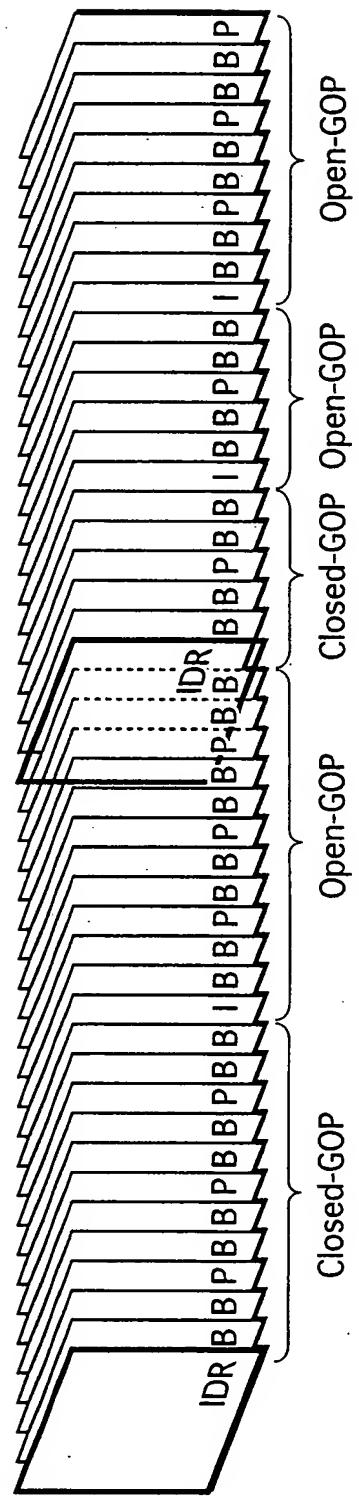


FIG.6A

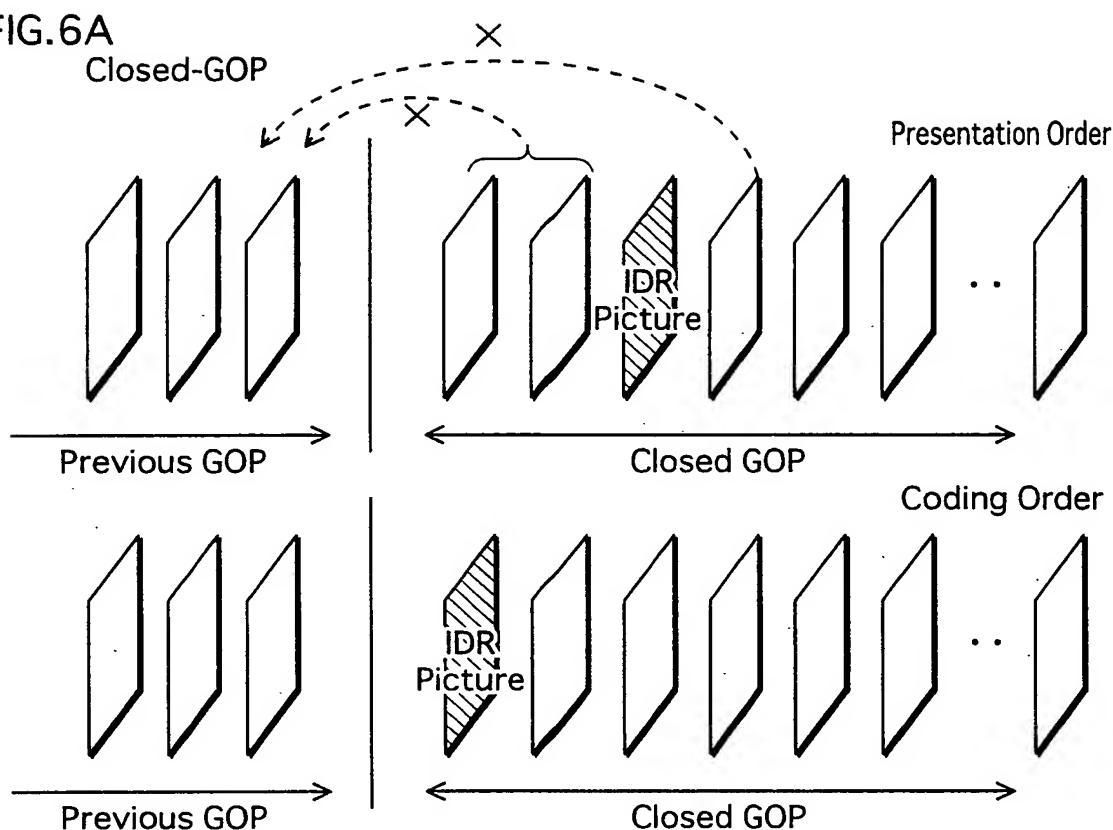


FIG.6B

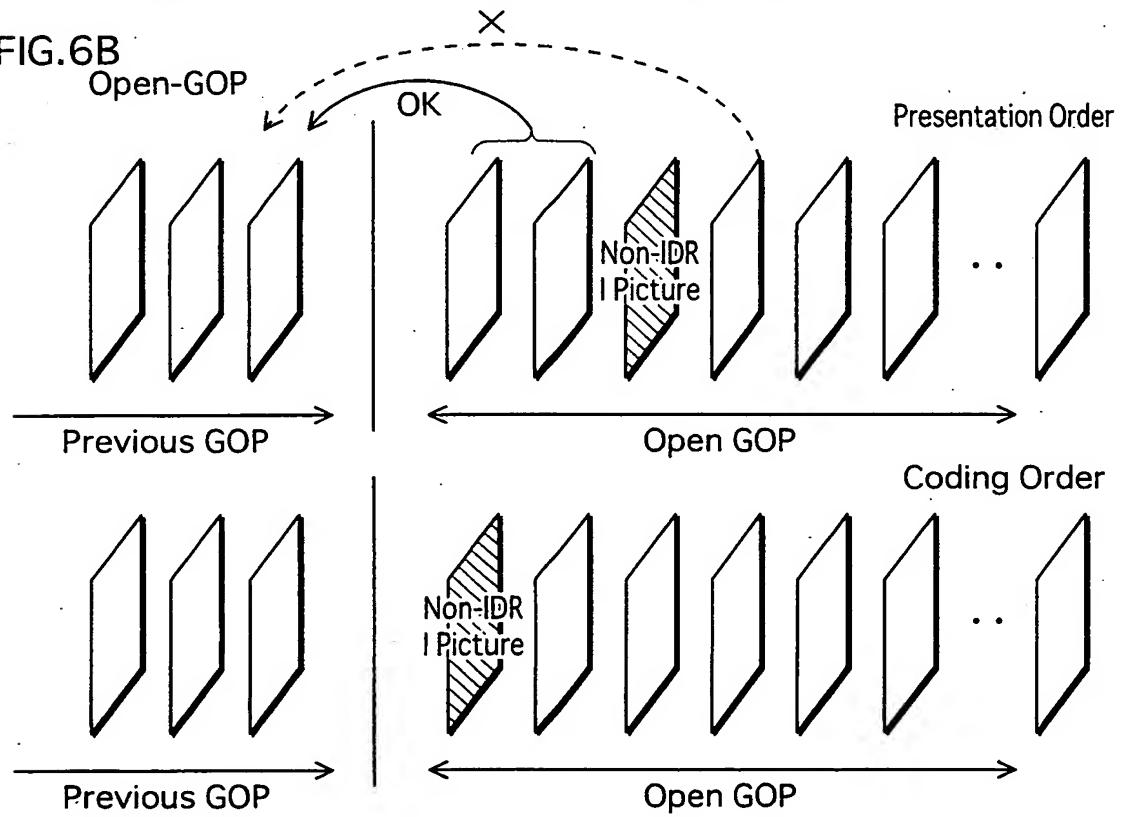


FIG.7A

IDR Picture in  
MPEG4-AVC Format

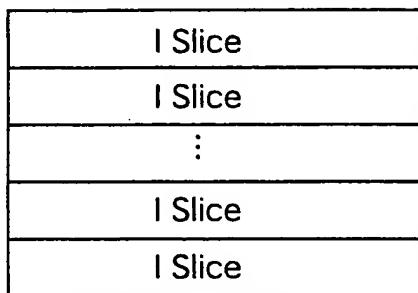


FIG.7B

Non-IDR I Picture

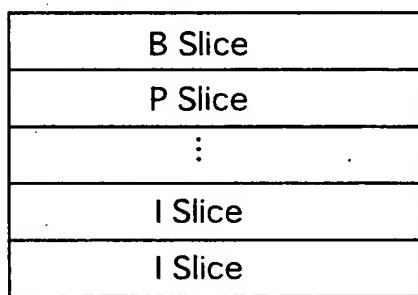


FIG.7C

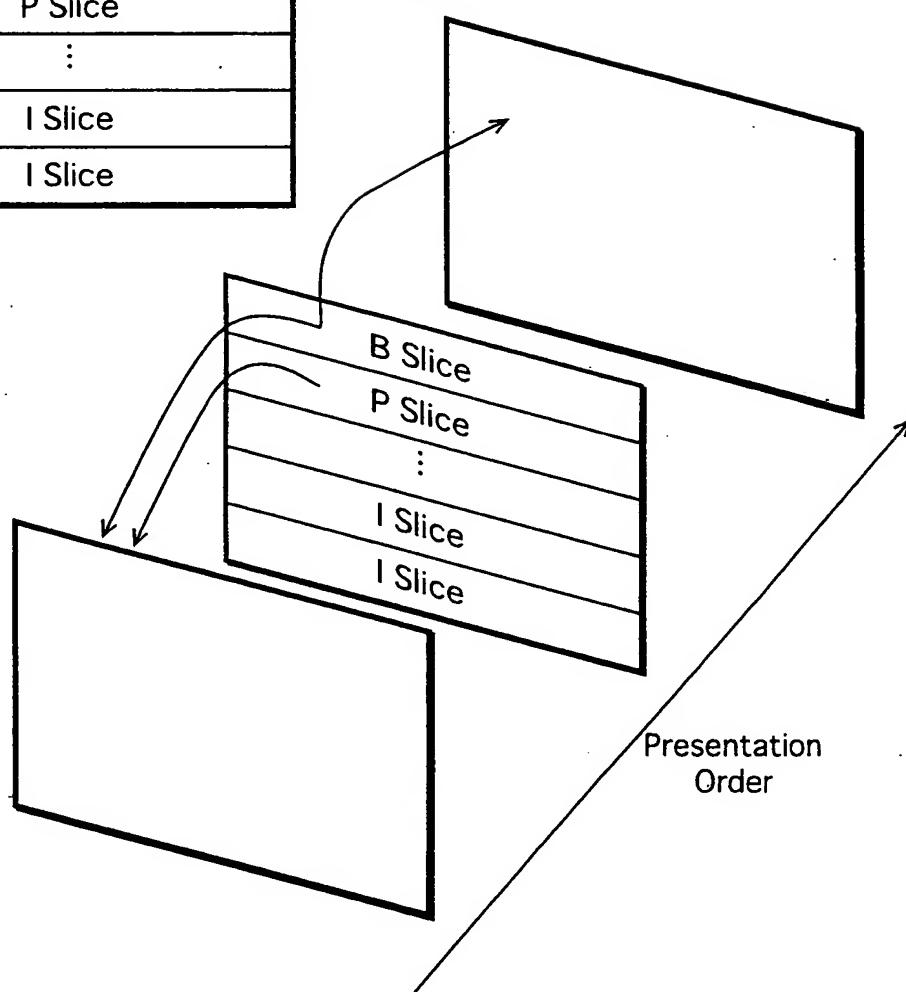


FIG. 8

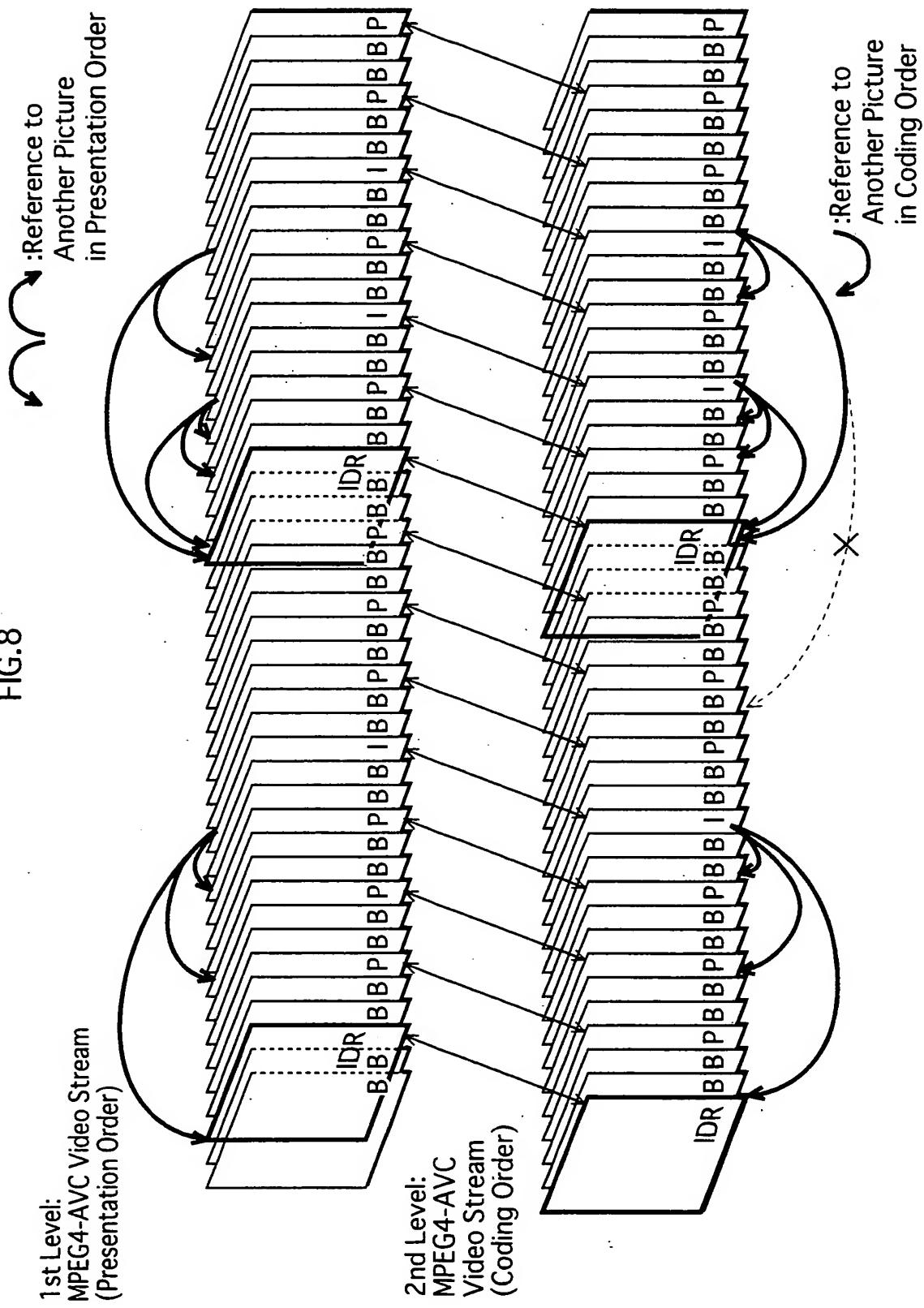


FIG. 9 Picture

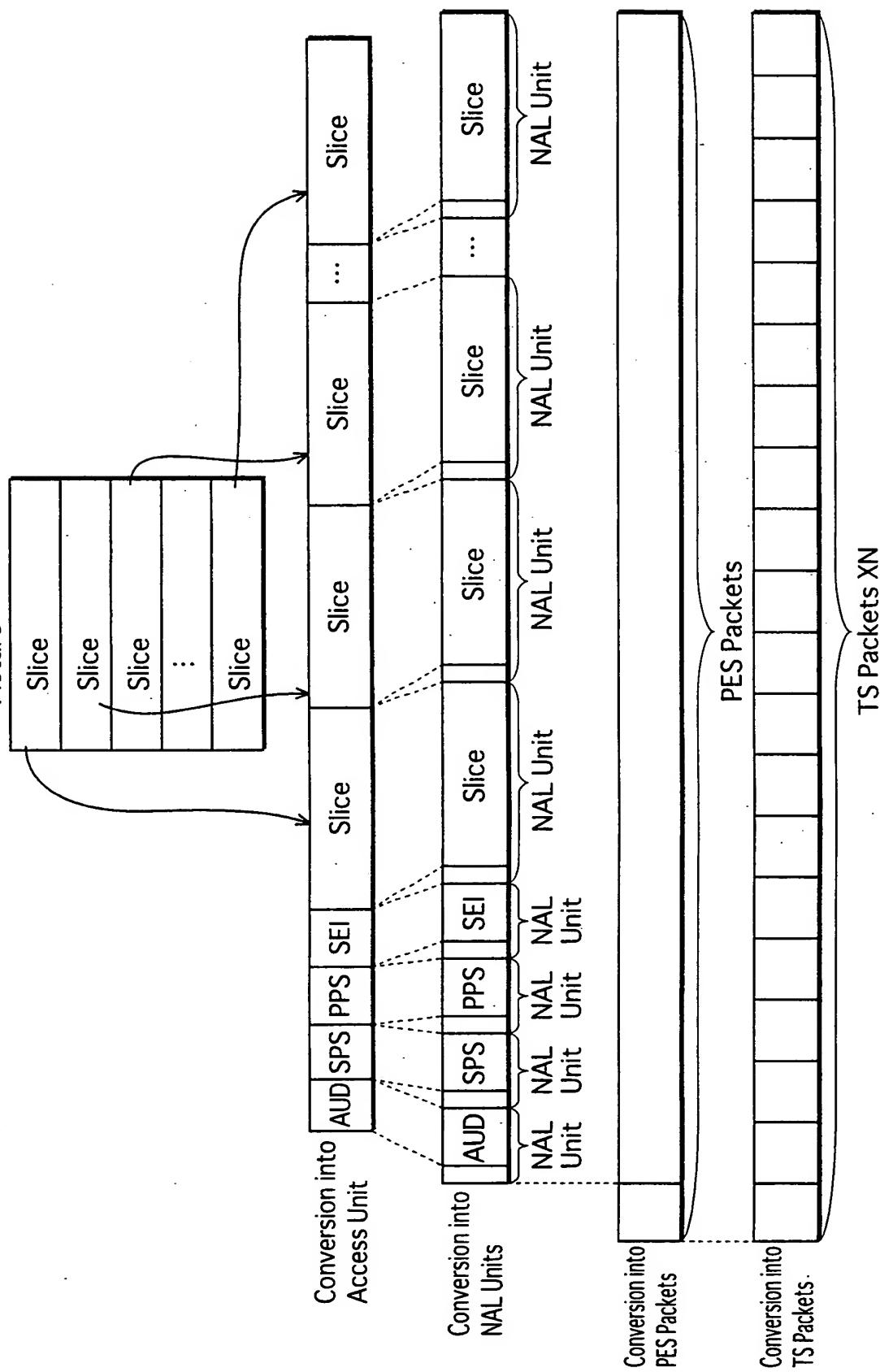


FIG.10

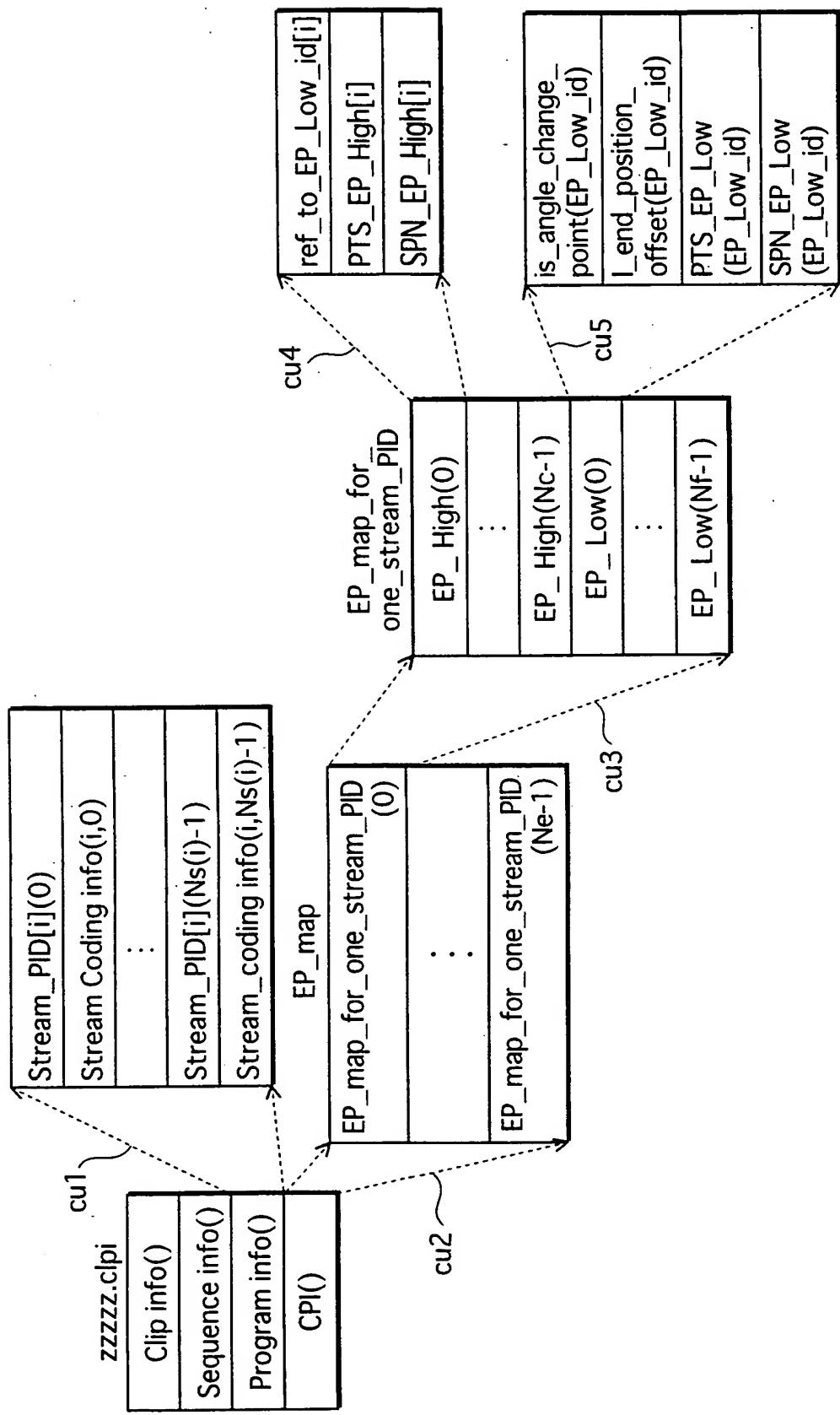


FIG.11A

Stream_Coding_Info
Stream_Coding_type
Video_format
frame_rate
aspect_ratio

→ MPEG4-AVC, MPEG2-Video  
→ 480i,576i,480p,1080i,720p,1080p  
→ 23.976,29.97,59.94  
→ 4:3,16:9

FIG.11B

Stream_Coding_Info
Stream_Coding_type
audio_presentation_type
Sampling_frequency
audio_language_code

→ LPCM,DolbyAC-3,Dts  
→ Stereo, Mono, Multi  
→ 48kHz,96kHz,192kHz

FIG. 12

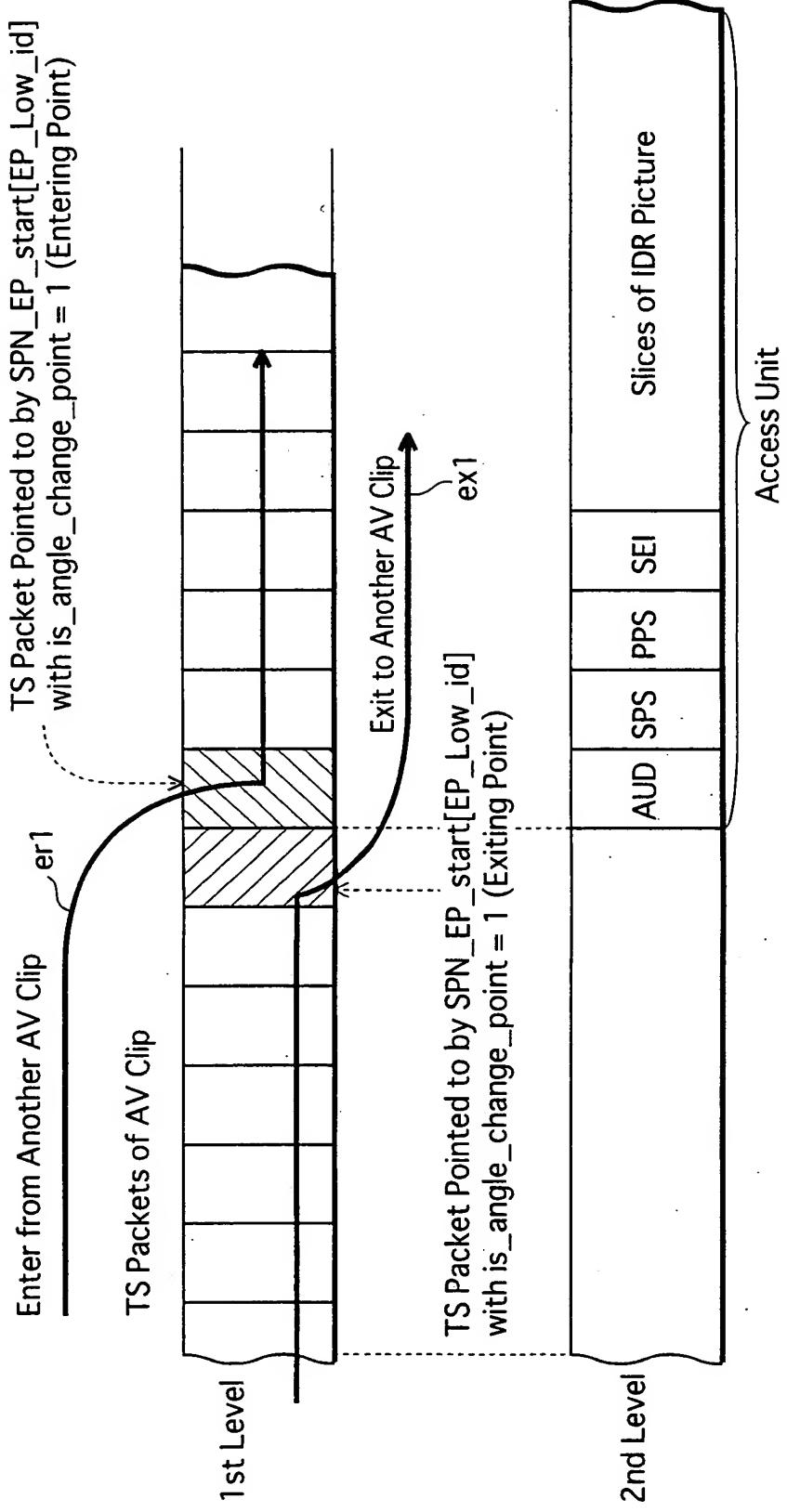


FIG. 13

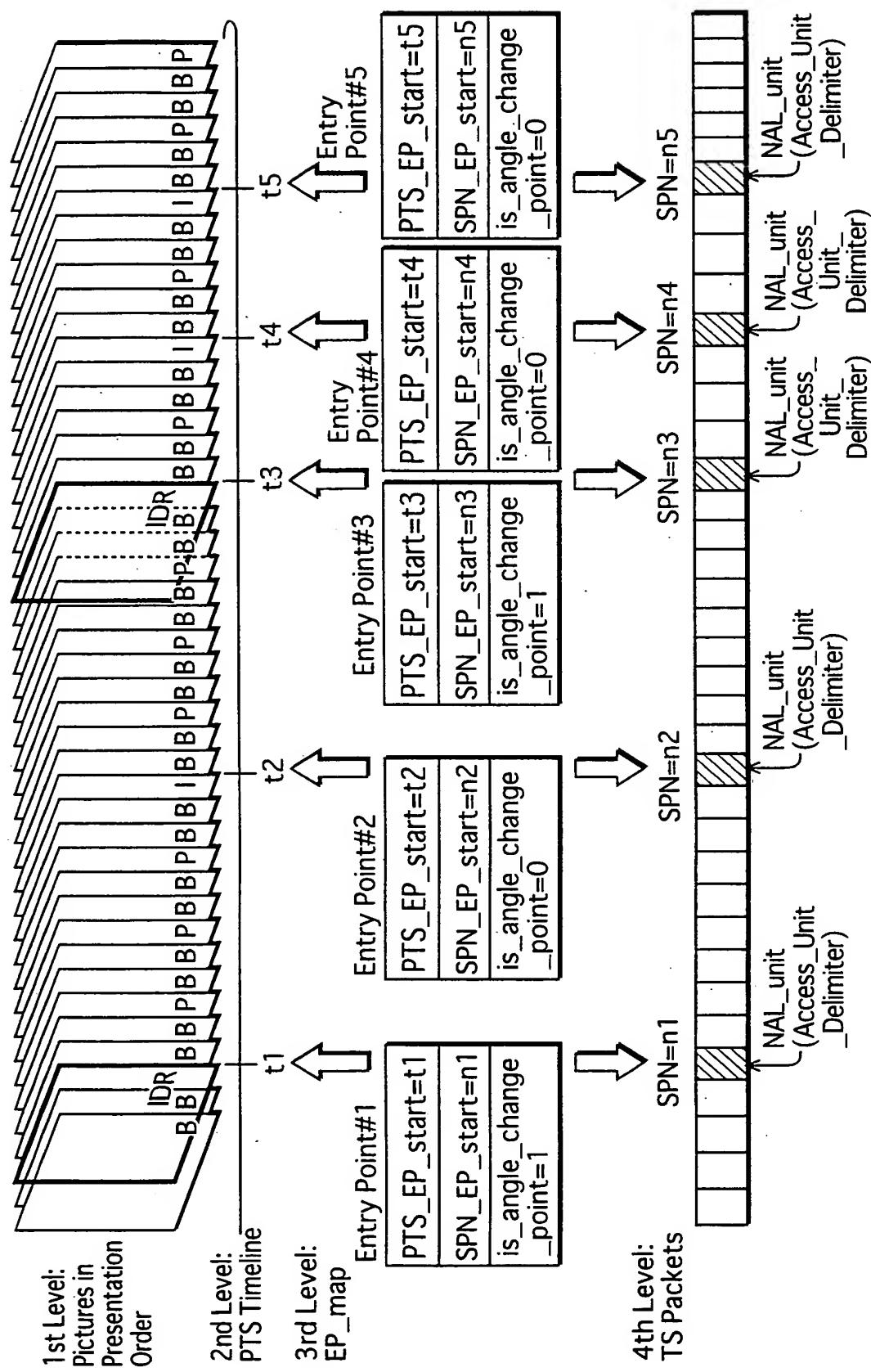


FIG. 14 EP\_Low(0)~(Nf-1)

		EP_Low(0)~(Nf-1)
⋮	⋮	⋮
is_angle_change_point (i)=1	LSBs of PTS_EP_Low(i) = t1	LSBs of SPN_EP_Low(i) = n1
is_angle_change_point (i+1)=0	LSBs of PTS_EP_Low(i+1) = t2	LSBs of SPN_EP_Low(i+1) = n2
is_angle_change_point (i+2)=1	LSBs of PTS_EP_Low(i+2) = t3	LSBs of SPN_EP_Low(i+2) = n3
is_angle_change_point (i+3)=0	LSBs of PTS_EP_Low(i+3) = t4	LSBs of SPN_EP_Low(i+3) = n4
is_angle_change_point (i+4)=0	LSBs of PTS_EP_Low(i+4) = t5	LSBs of SPN_EP_Low(i+4) = n5
⋮	⋮	⋮
is_angle_change_point (j)=0	PTS_EP_Low (j)	SPN_EP_Low (j)
is_angle_change_point (j+1)=0	PTS_EP_Low (j+1)	SPN_EP_Low (j+1)
is_angle_change_point (j+2)=0	PTS_EP_Low (j+2)	SPN_EP_Low (j+2)
⋮	⋮	⋮
is_angle_change_point (k)=0	PTS_EP_Low (k)	SPN_EP_Low (k)
is_angle_change_point (k+1)=0	PTS_EP_Low (k+1)	SPN_EP_Low (k+1)
is_angle_change_point (k+2)=0	PTS_EP_Low (k+2)	SPN_EP_Low (k+2)
⋮	⋮	⋮

EP_High(0)~(Nc-1)	⋮	⋮
⋮	⋮	⋮
Values of ref_to_EP_Low_id(A) = t1-t5	Common MSBs of PTS_EP_High(A) = n1-n5	Common MSBs of SPN_EP_High(A) = n1-n5
ref_to_EP_Low_id(A+1)	PTS_EP_High(A+1)	SPN_EP_High(A+1)
ref_to_EP_Low_id(A+2)	PTS_EP_High(A+2)	SPN_EP_High(A+2)
⋮	⋮	⋮

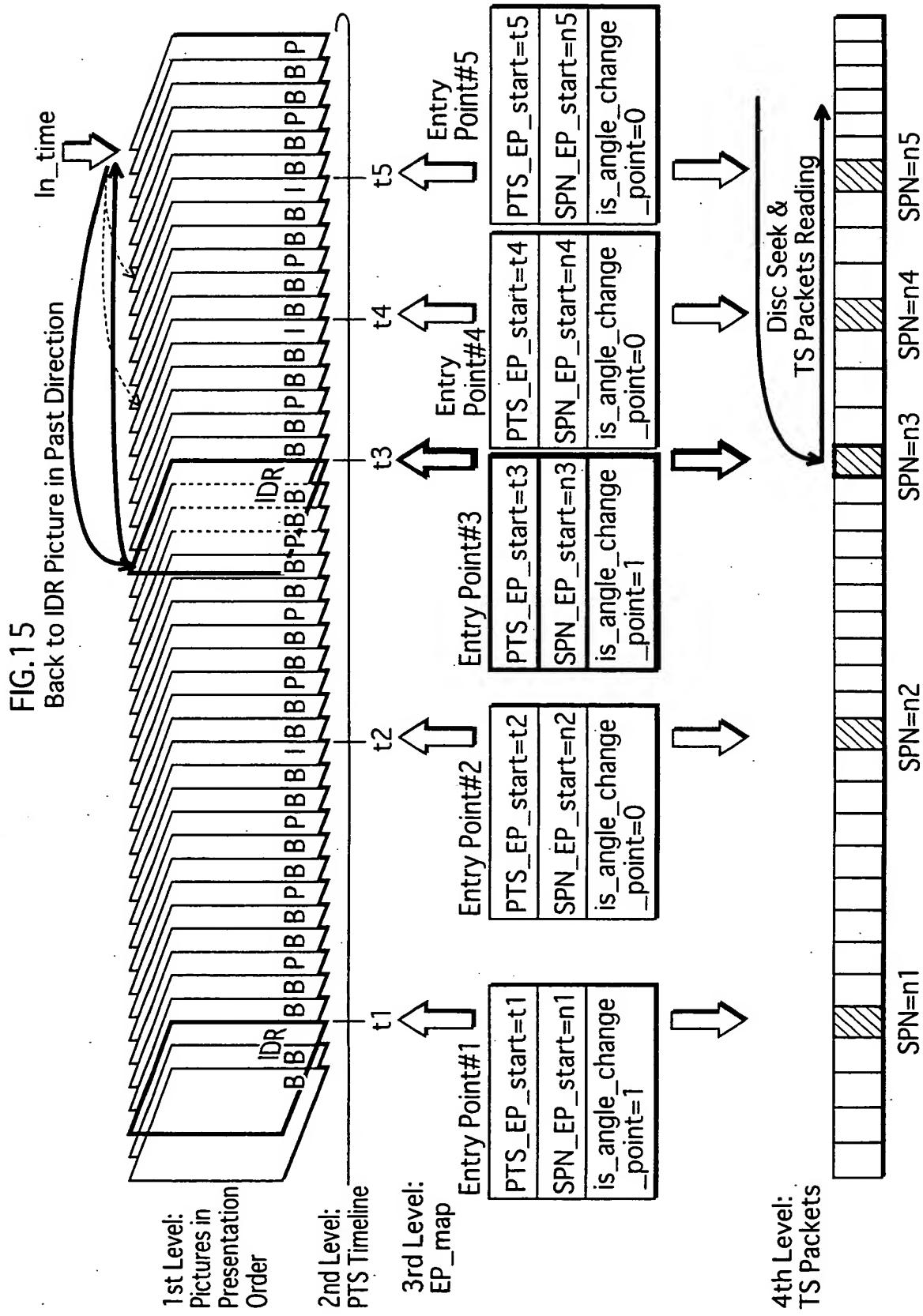
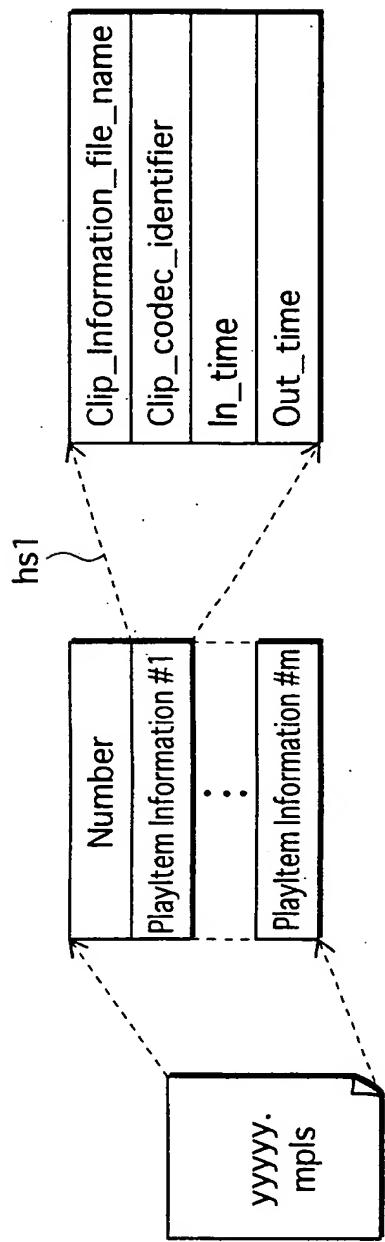


FIG. 16



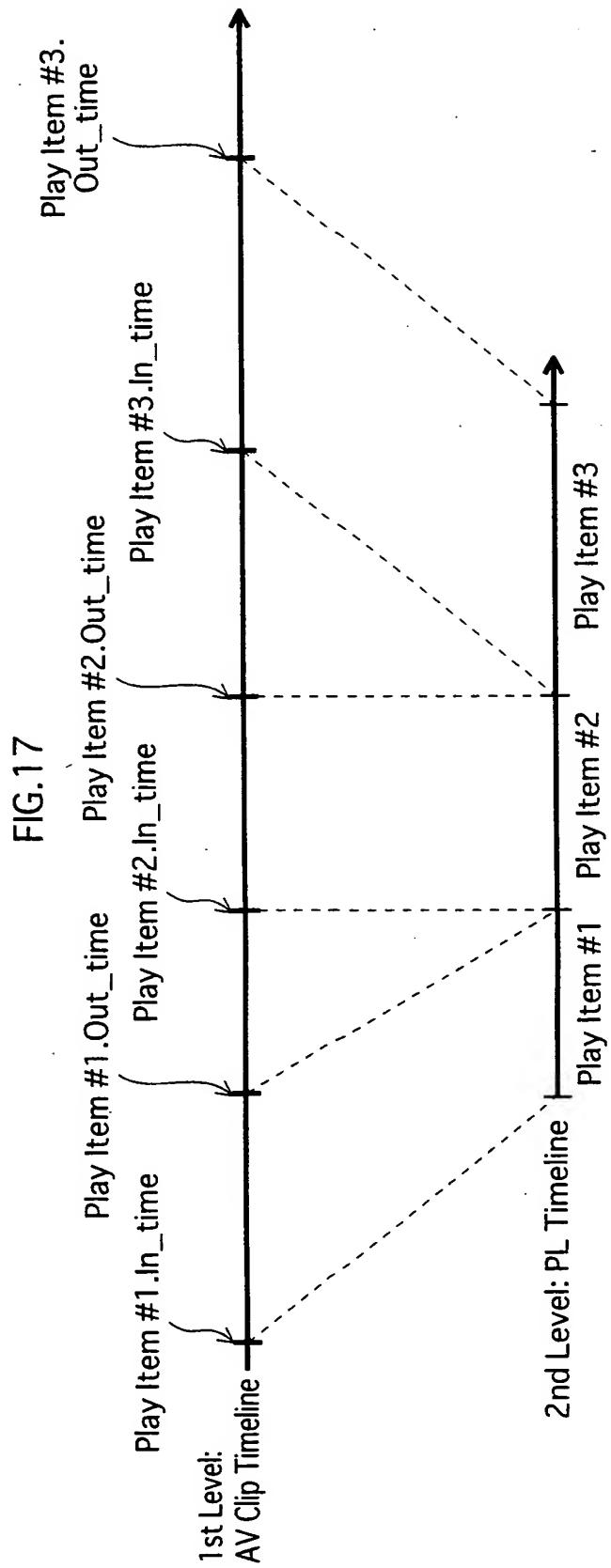
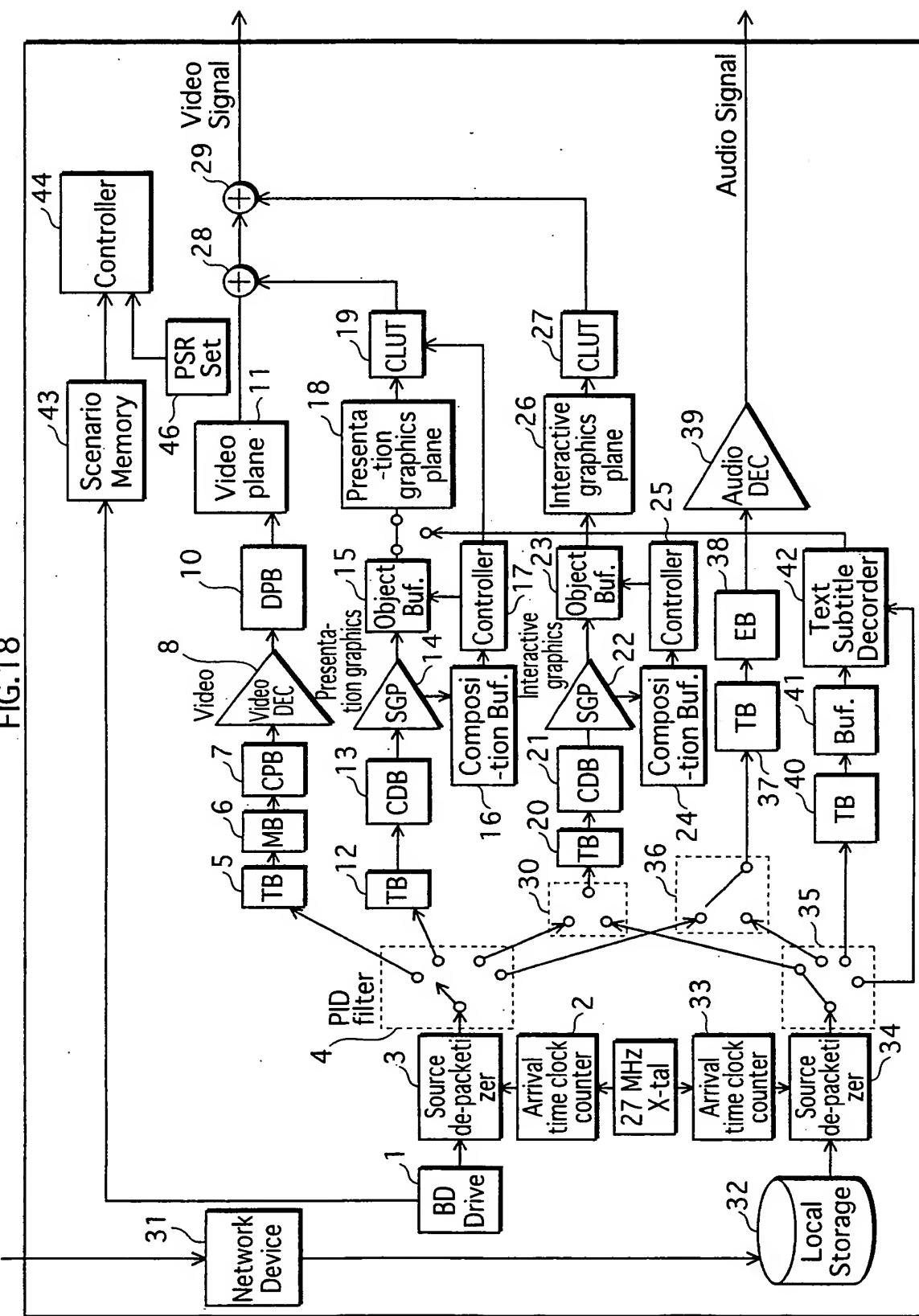
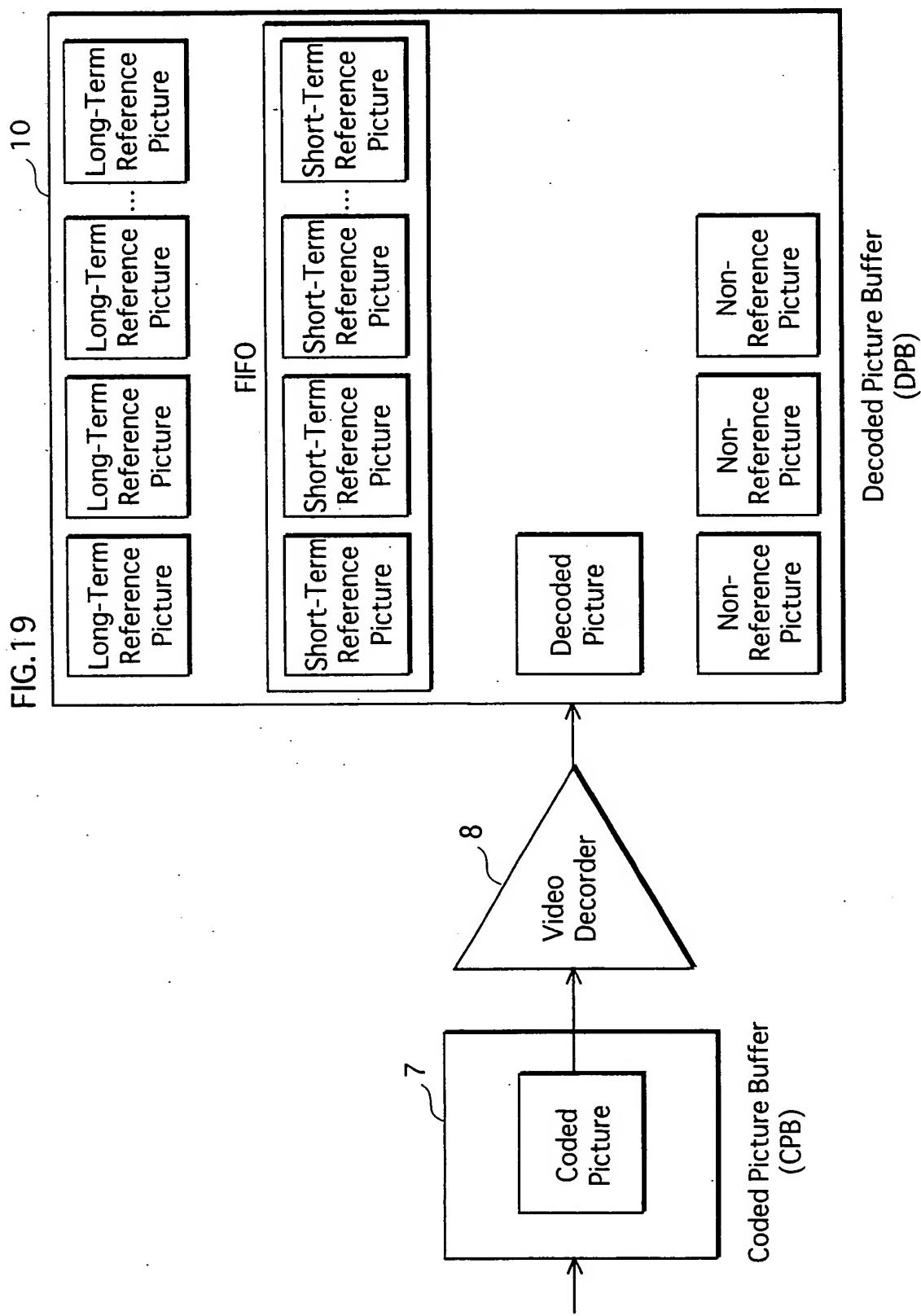
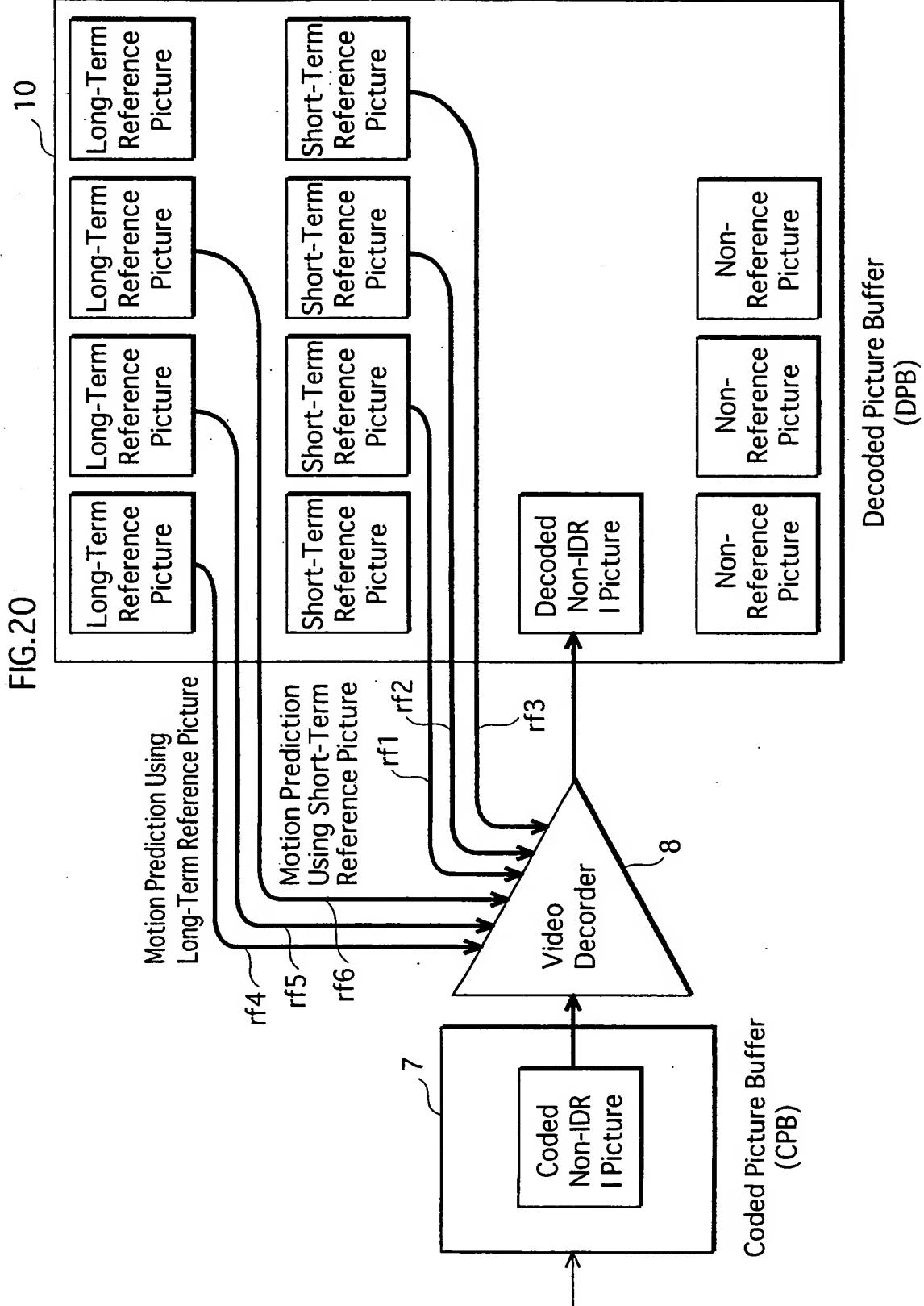


FIG. 18







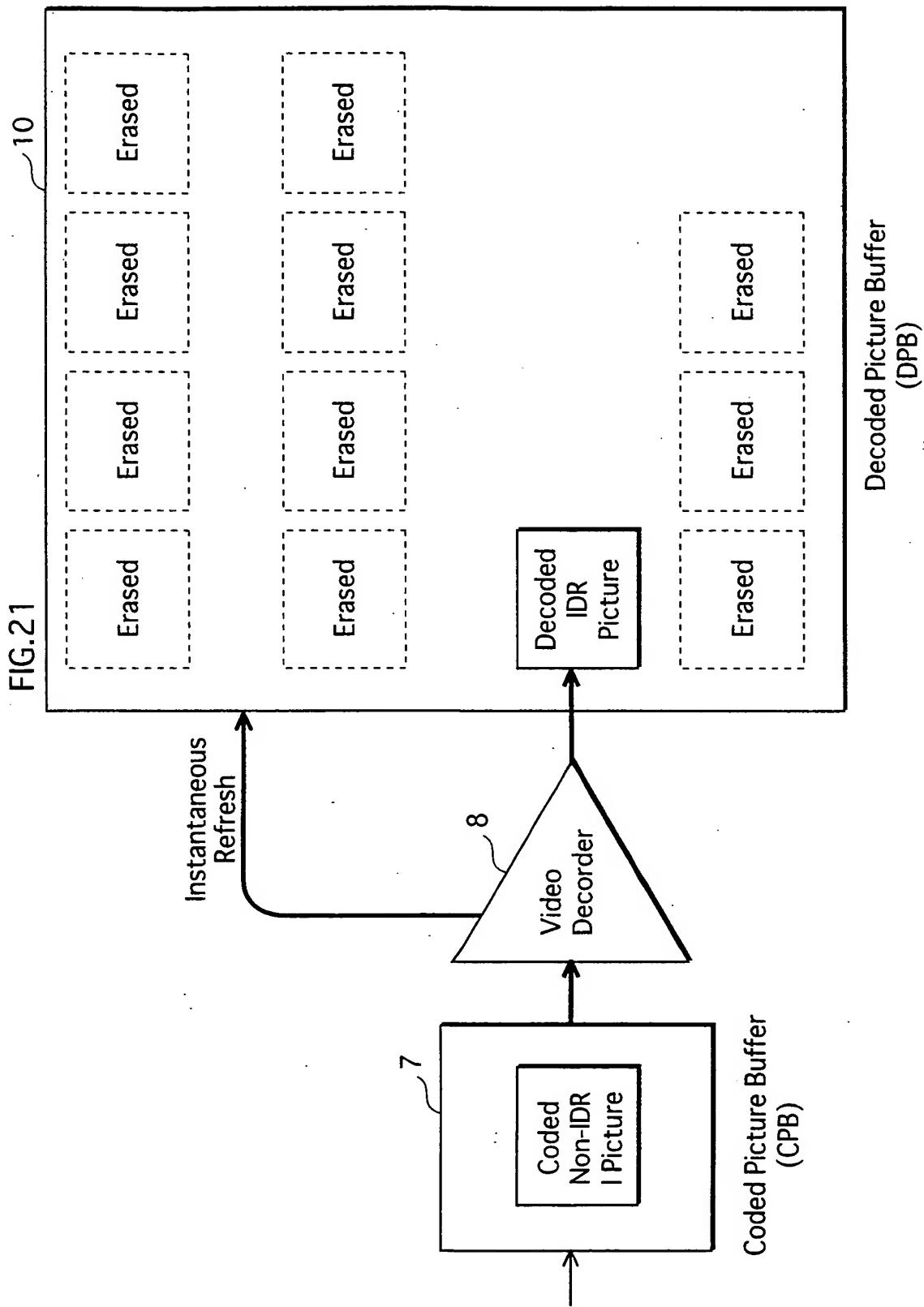


FIG.22

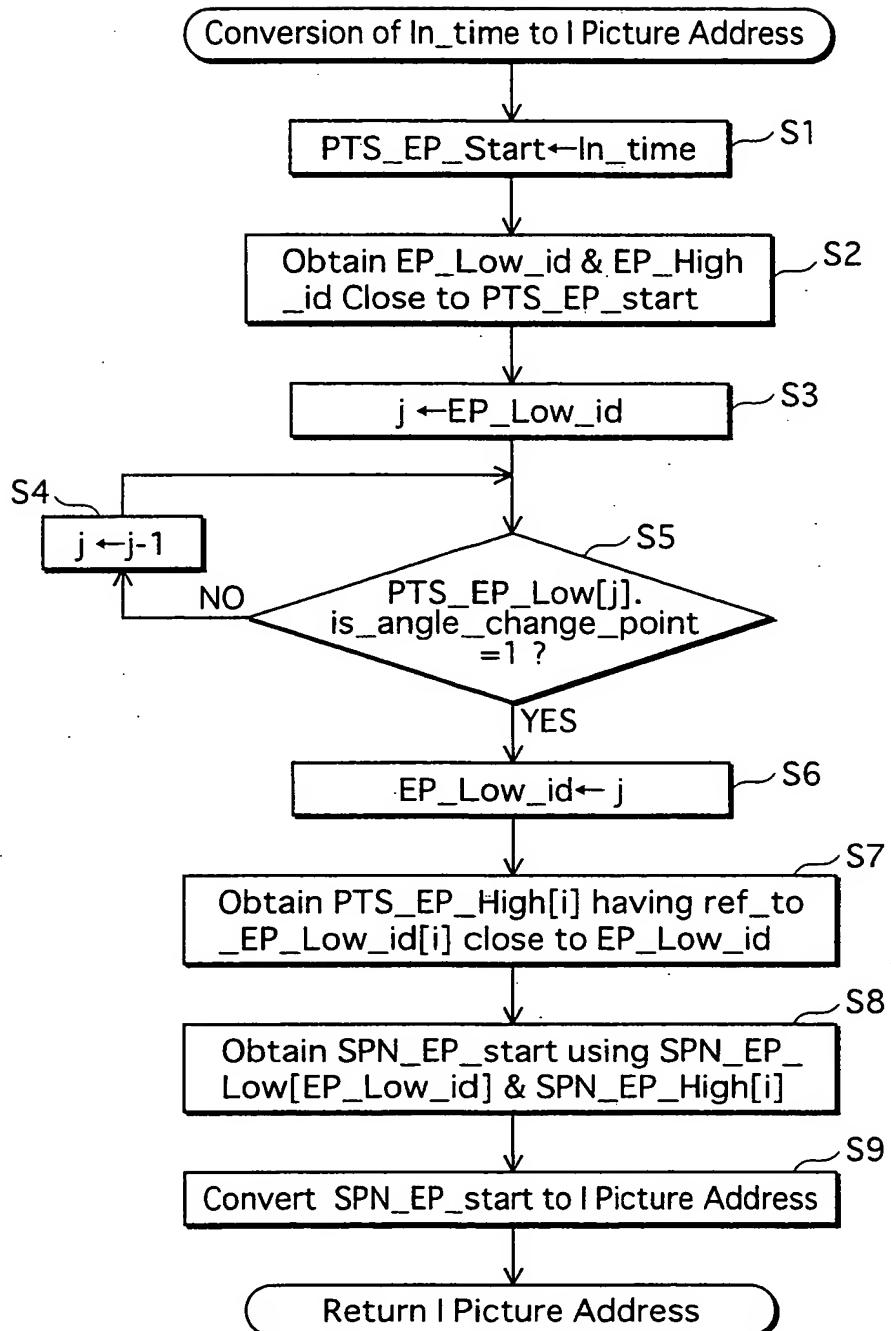


FIG.23

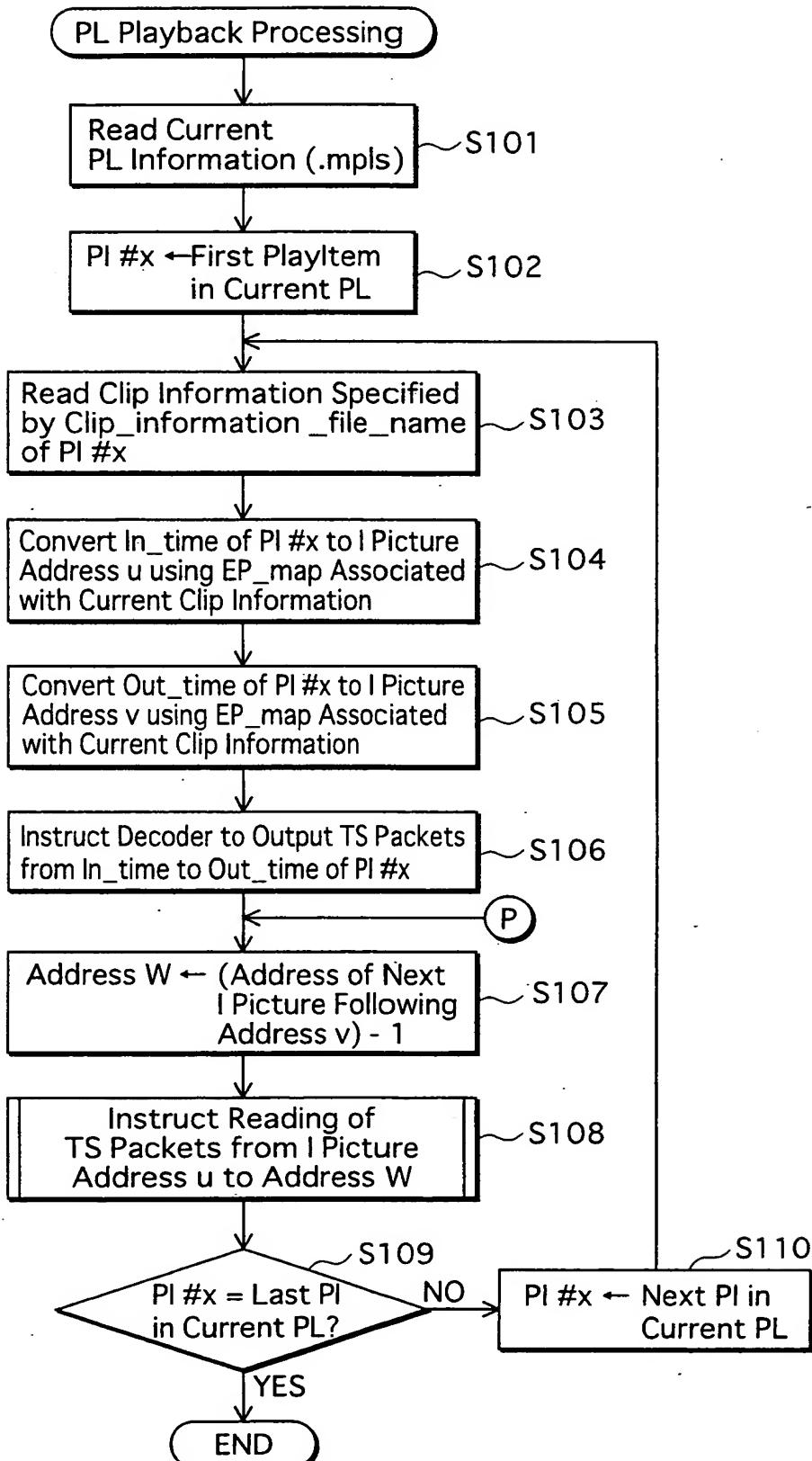


FIG.24

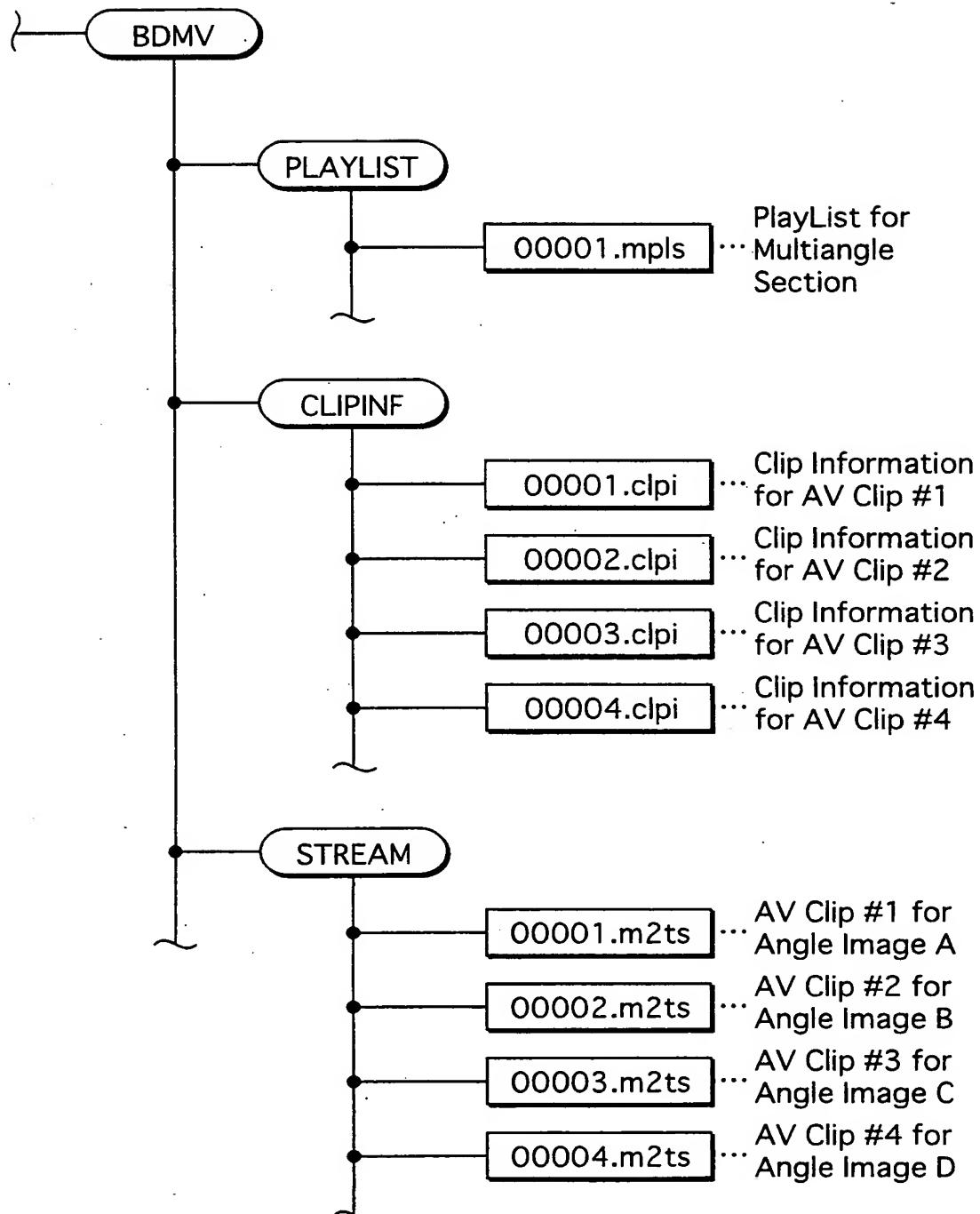


FIG.25

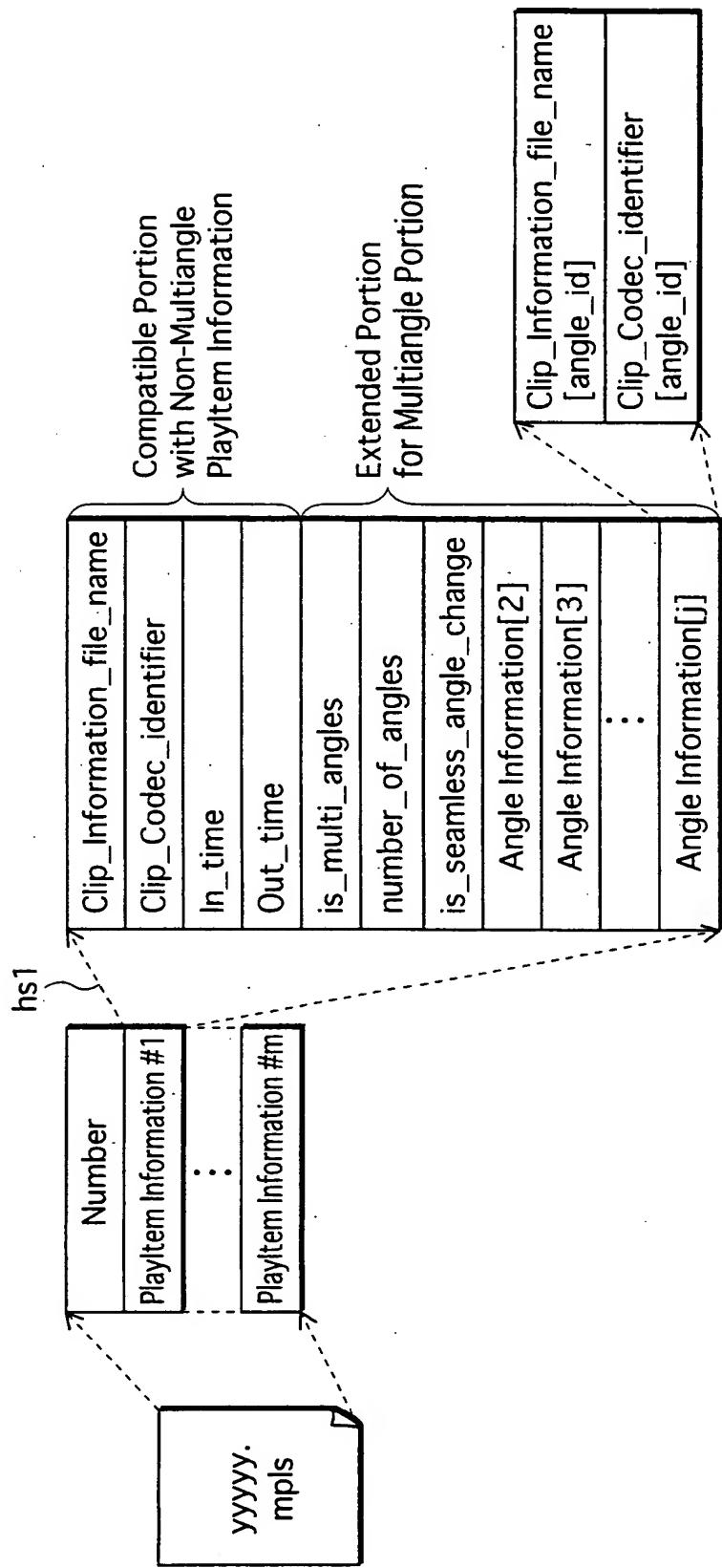


FIG. 26A Play Item #2. In\_time Play Item #2. Out\_time

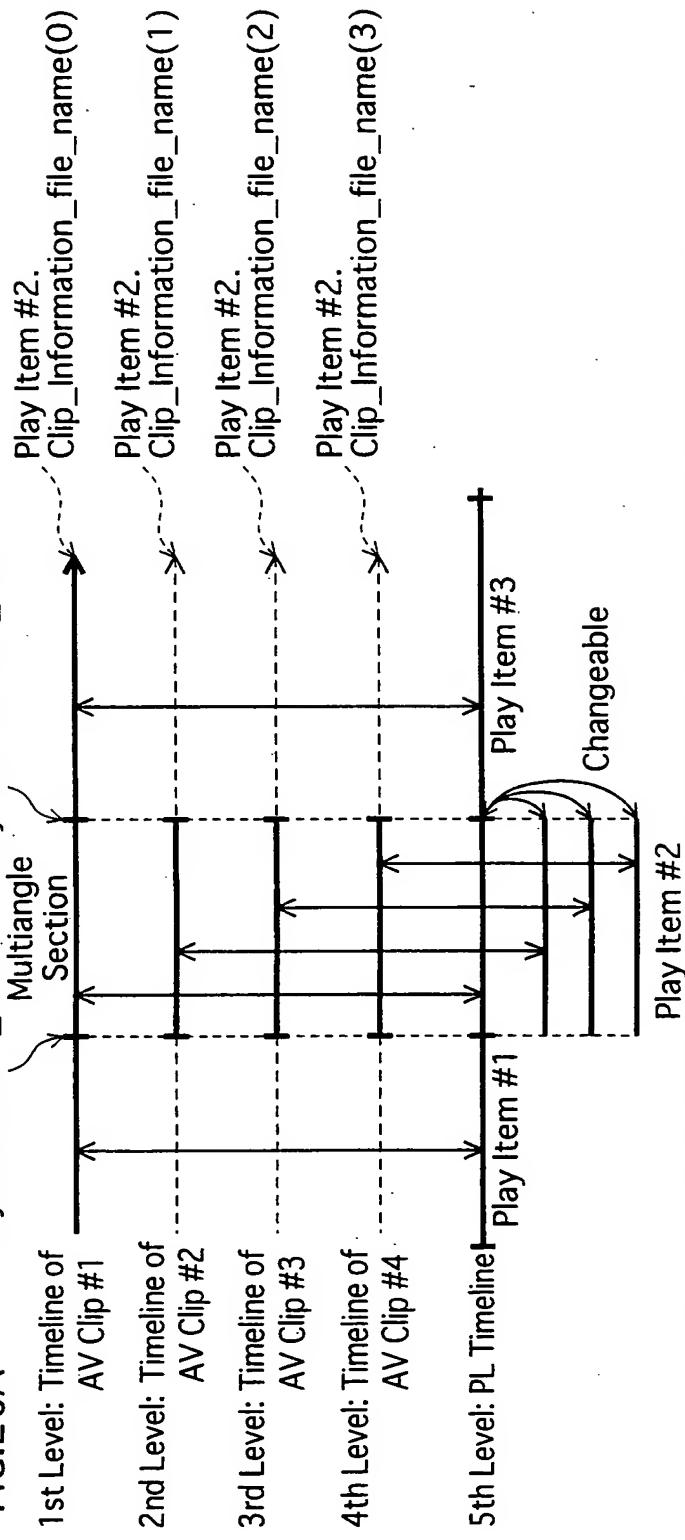


FIG. 26B

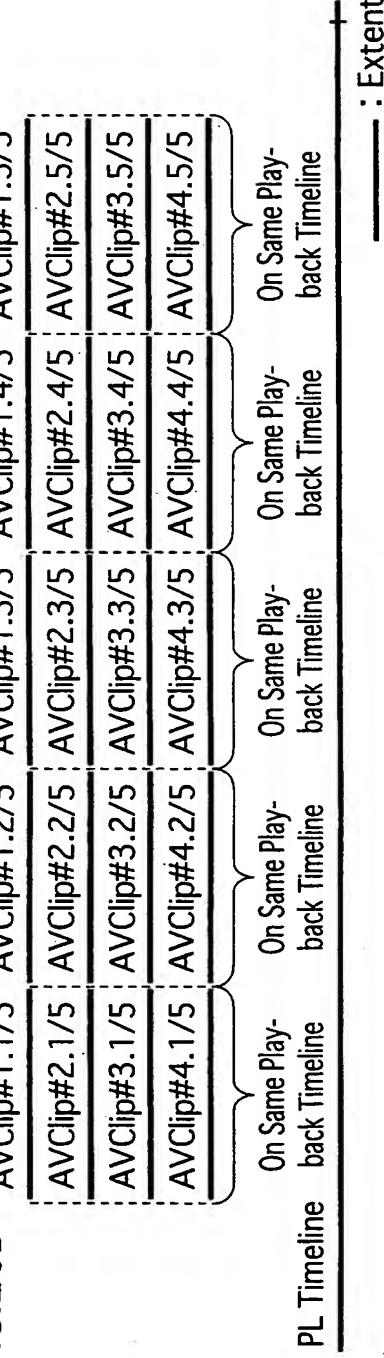


FIG.27A  
AV Clip Allocation on Blu-ray Disc

| Extent       |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| AVClip#1.1/5 | AVClip#2.1/5 | AVClip#3.1/5 | AVClip#4.1/5 | AVClip#1.2/5 | AVClip#2.2/5 | AVClip#3.2/5 | AVClip#4.2/5 |
| AVClip#1.3/5 | AVClip#2.3/5 | AVClip#3.3/5 | AVClip#4.3/5 | AVClip#1.4/5 | AVClip#2.4/5 | AVClip#3.4/5 | AVClip#4.4/5 |
| AVClip#1.5/5 | AVClip#2.5/5 | AVClip#3.5/5 | AVClip#4.5/5 |              |              |              |              |

FIG.27B

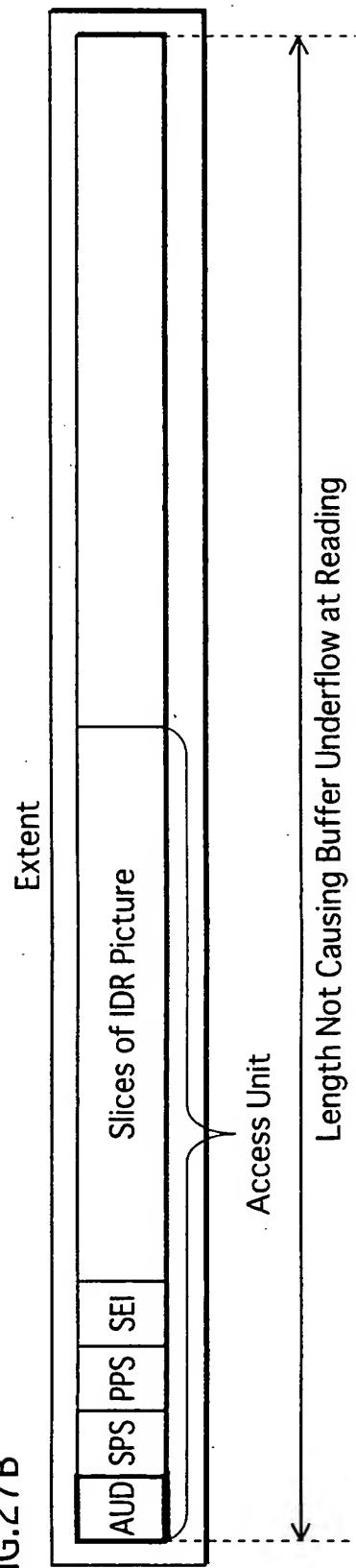


FIG.28

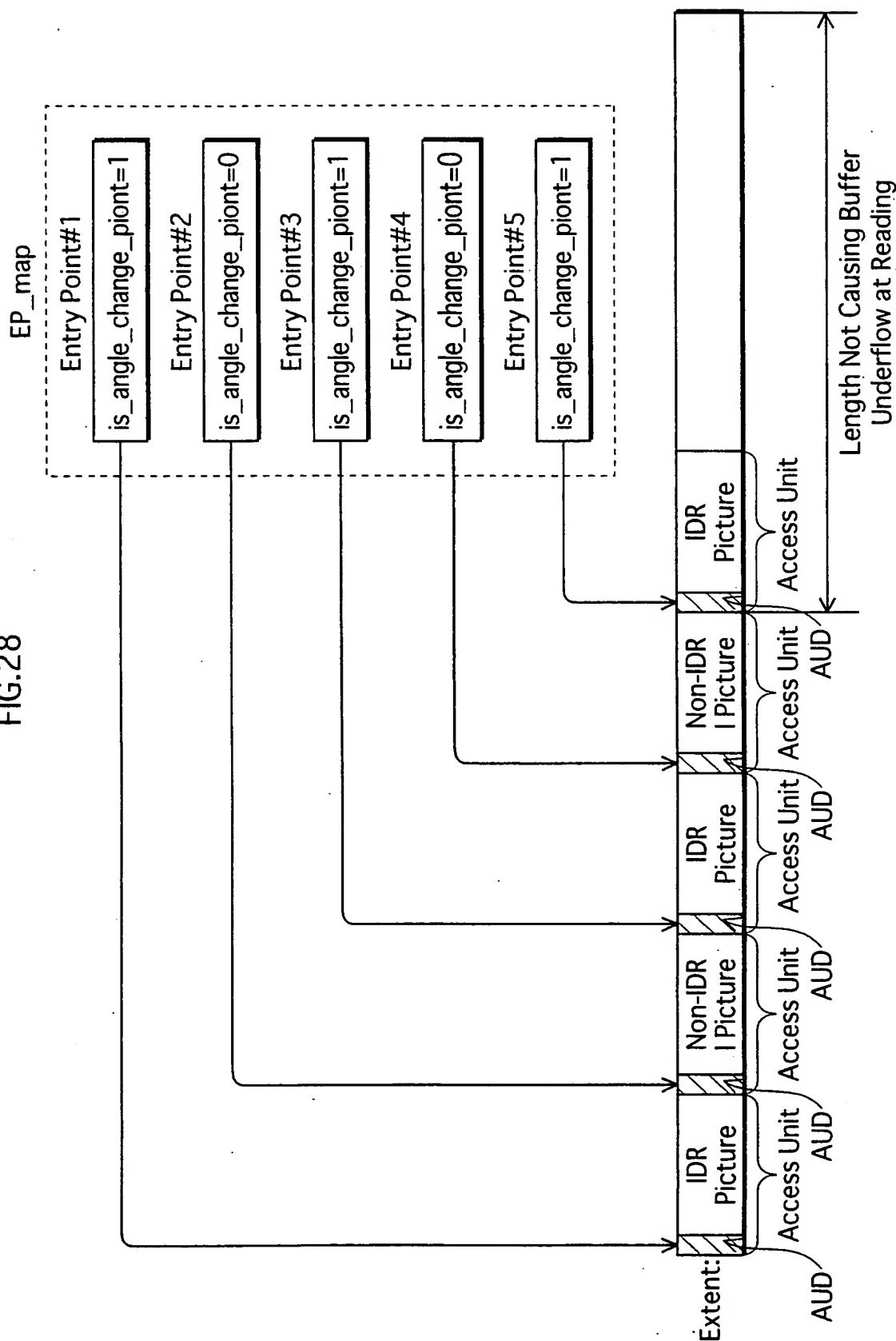
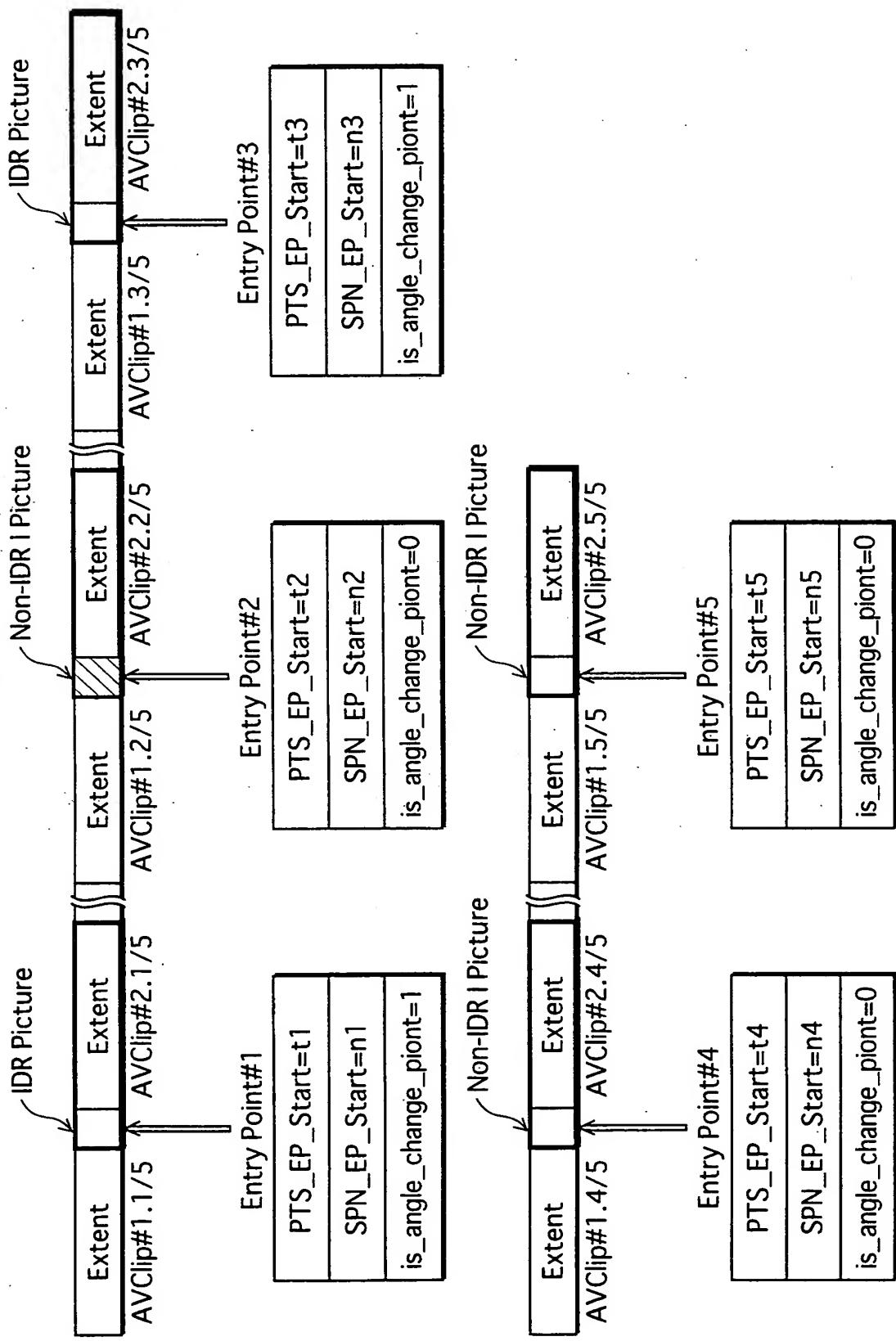


FIG.29



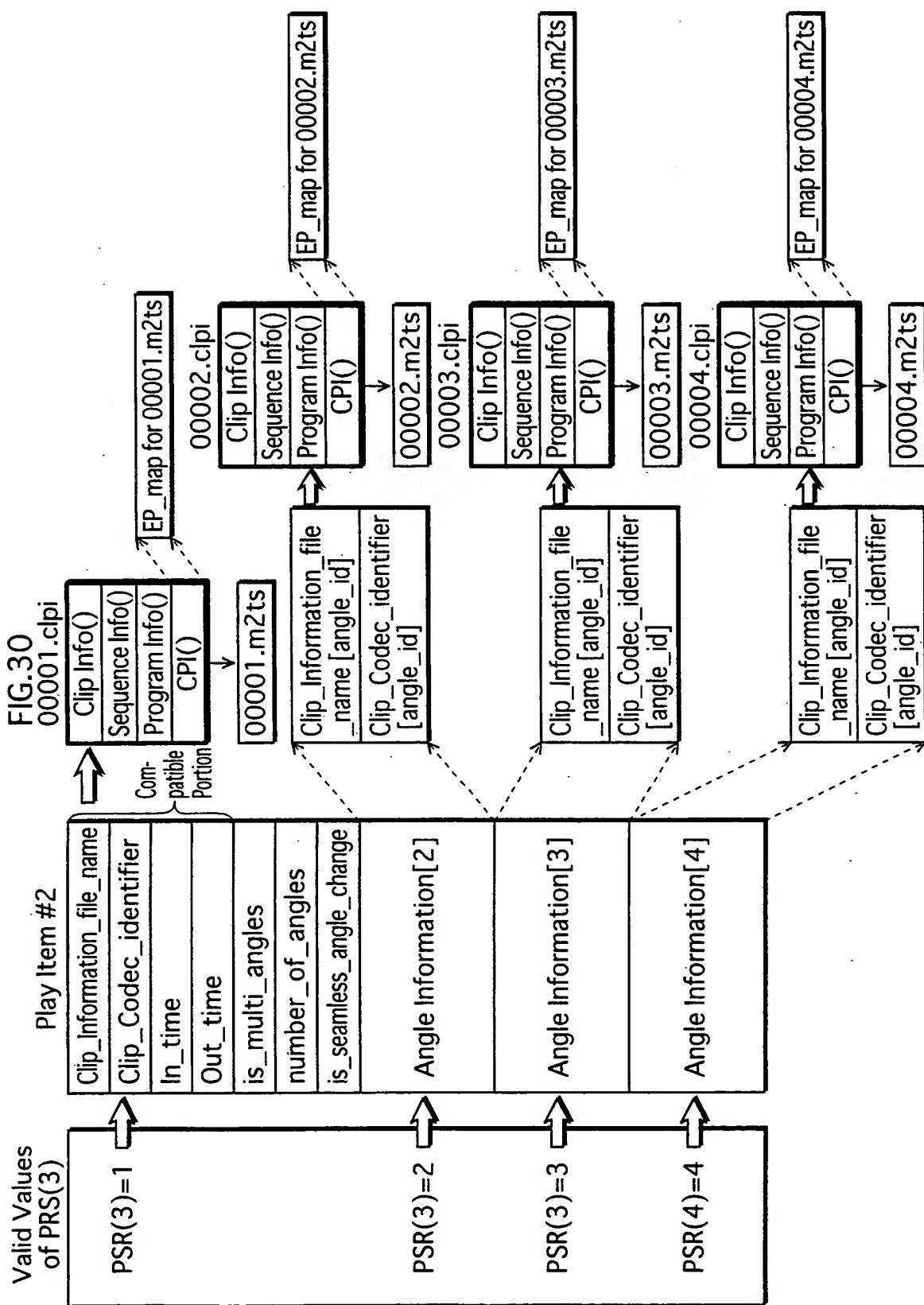


FIG.31

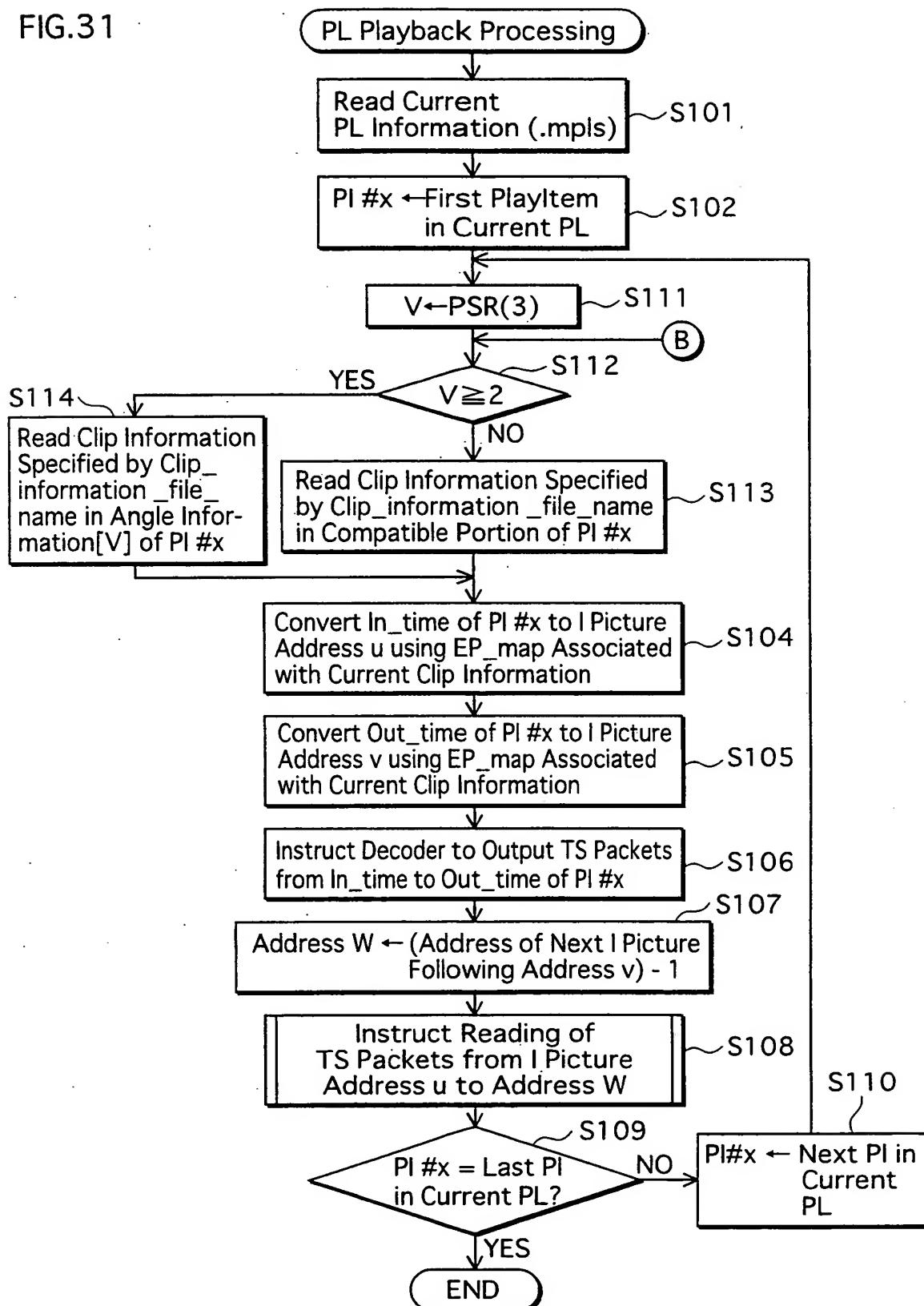
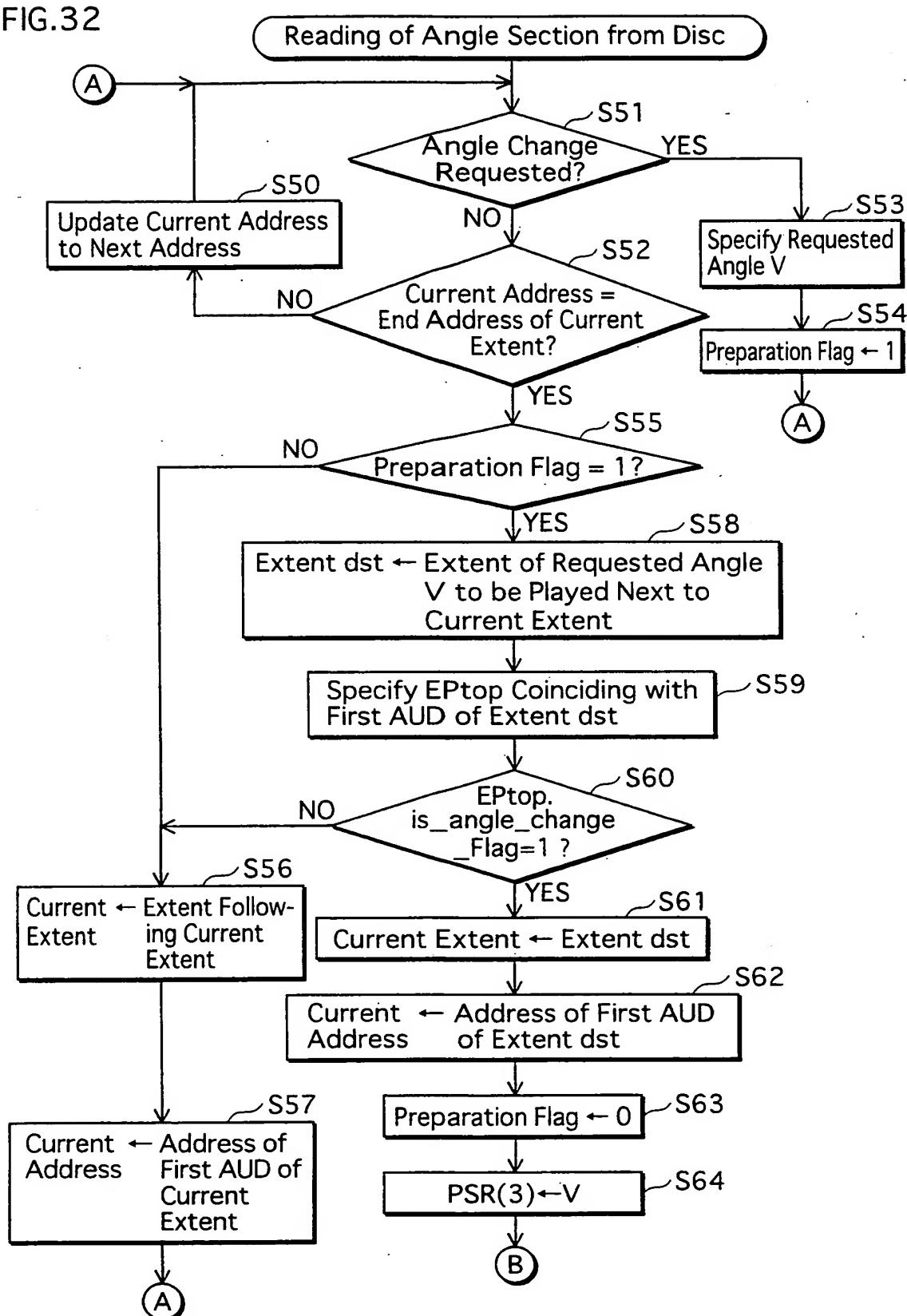
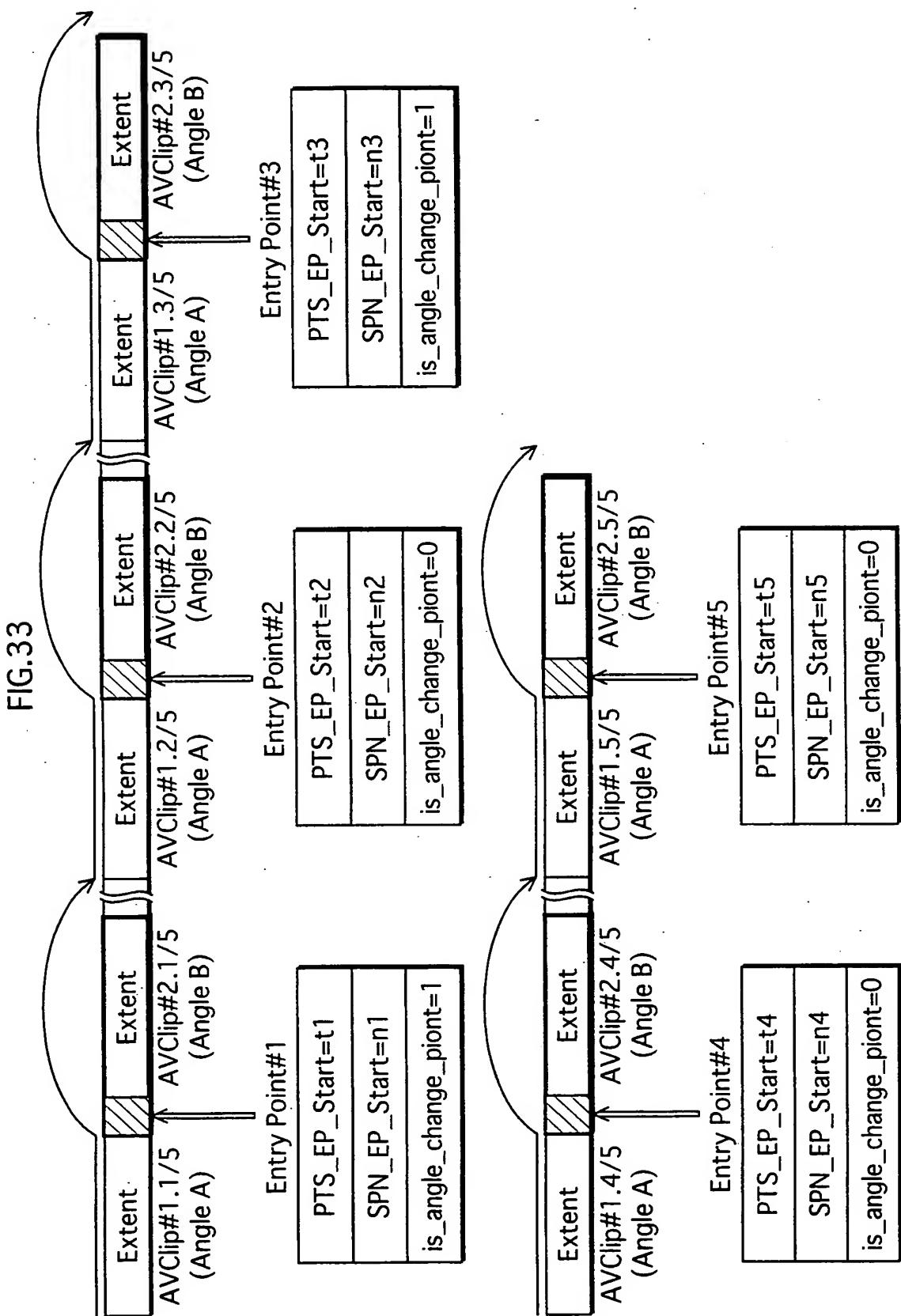
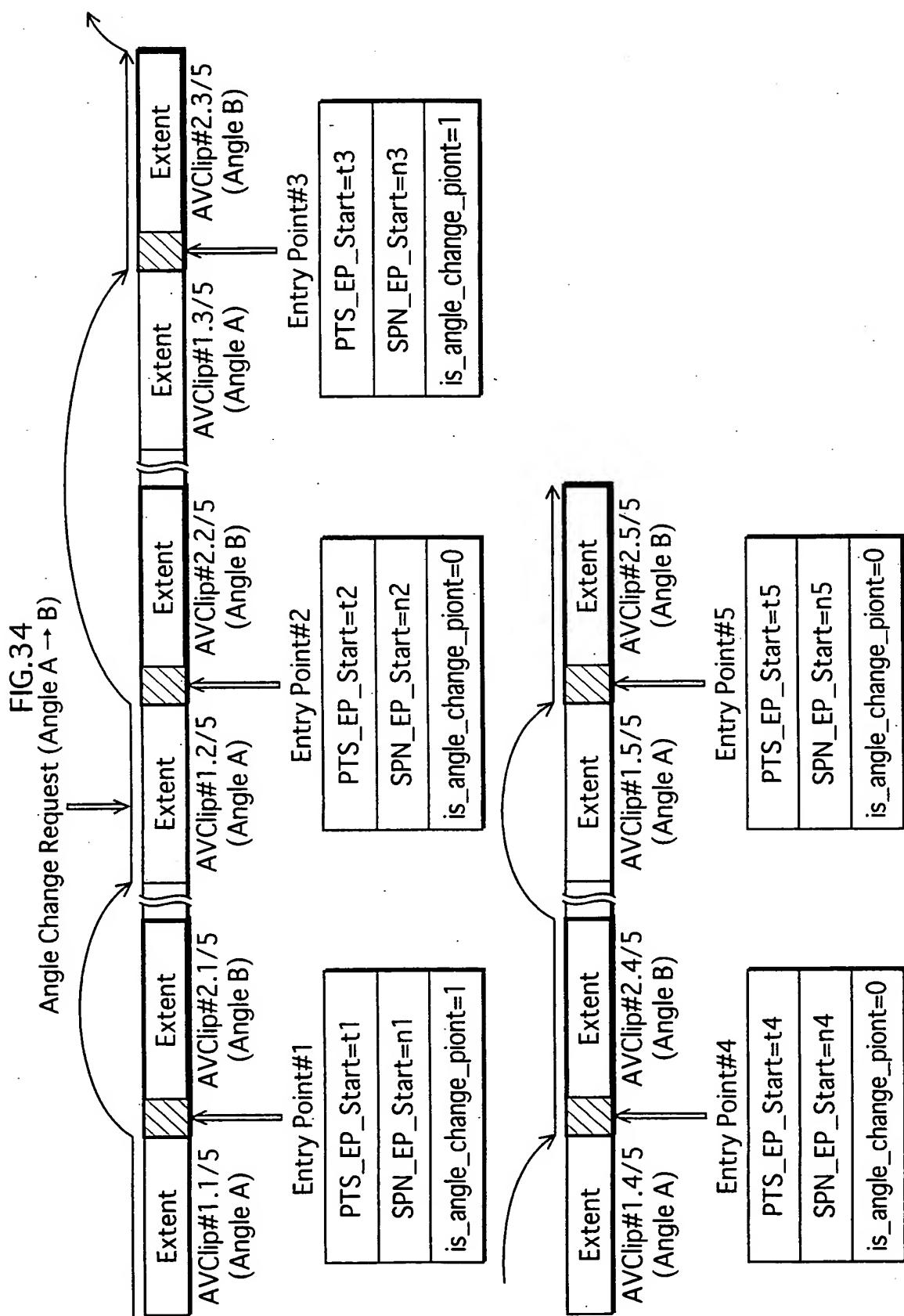


FIG.32







Angle Change Request  
 (Angle A → B)

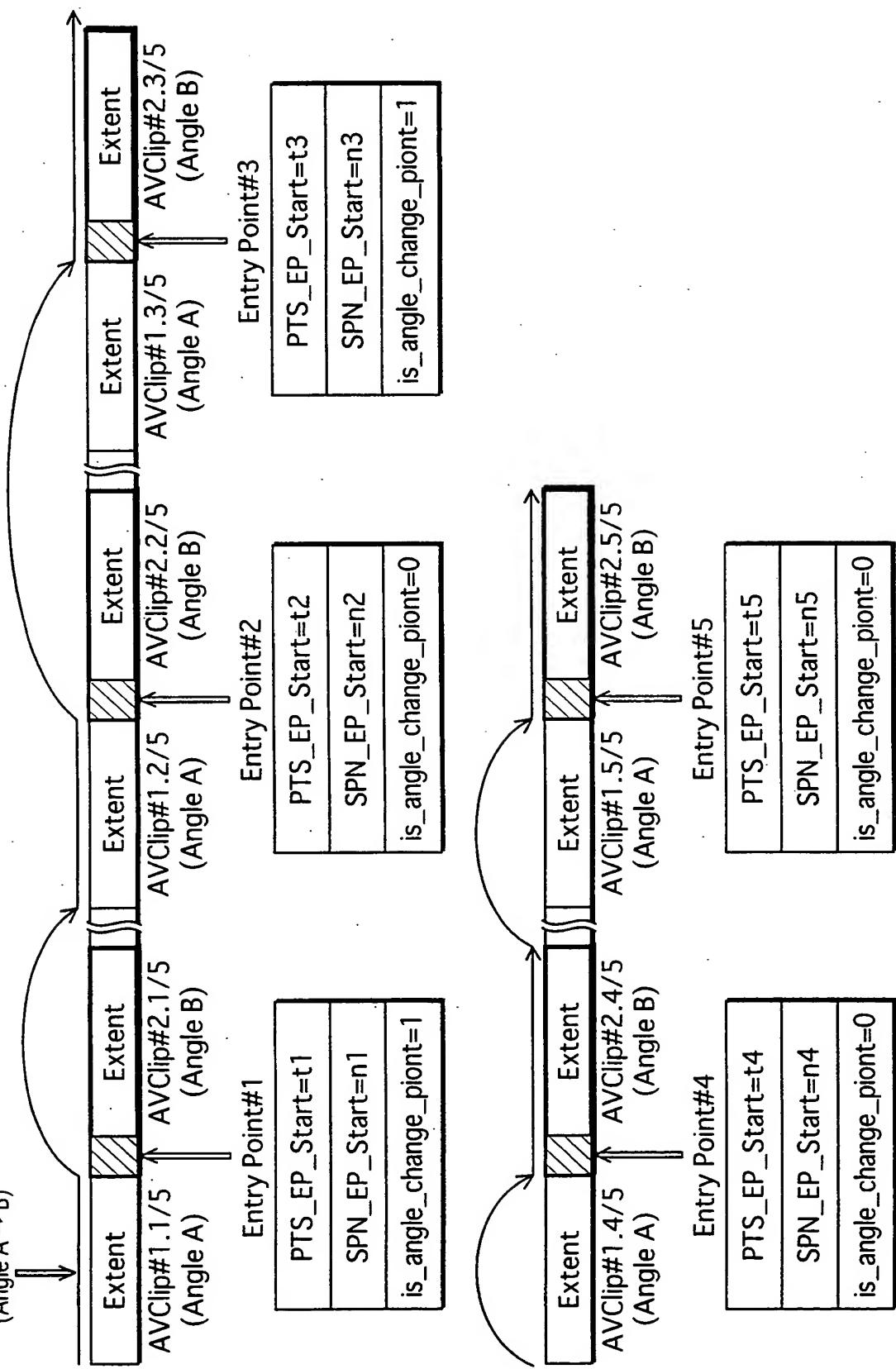


FIG. 36

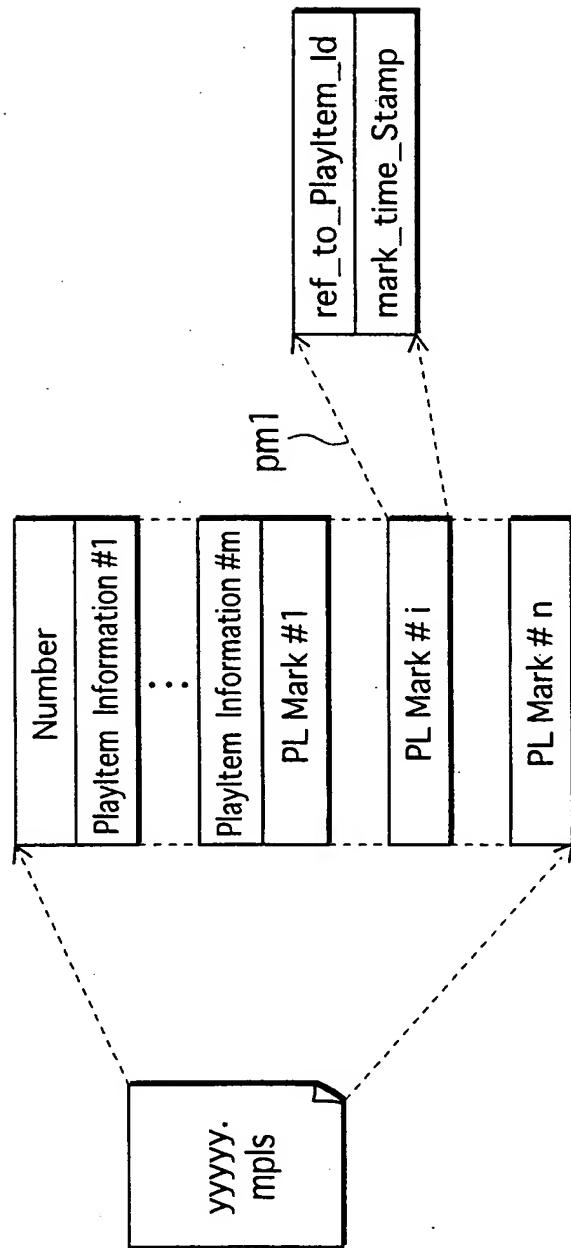
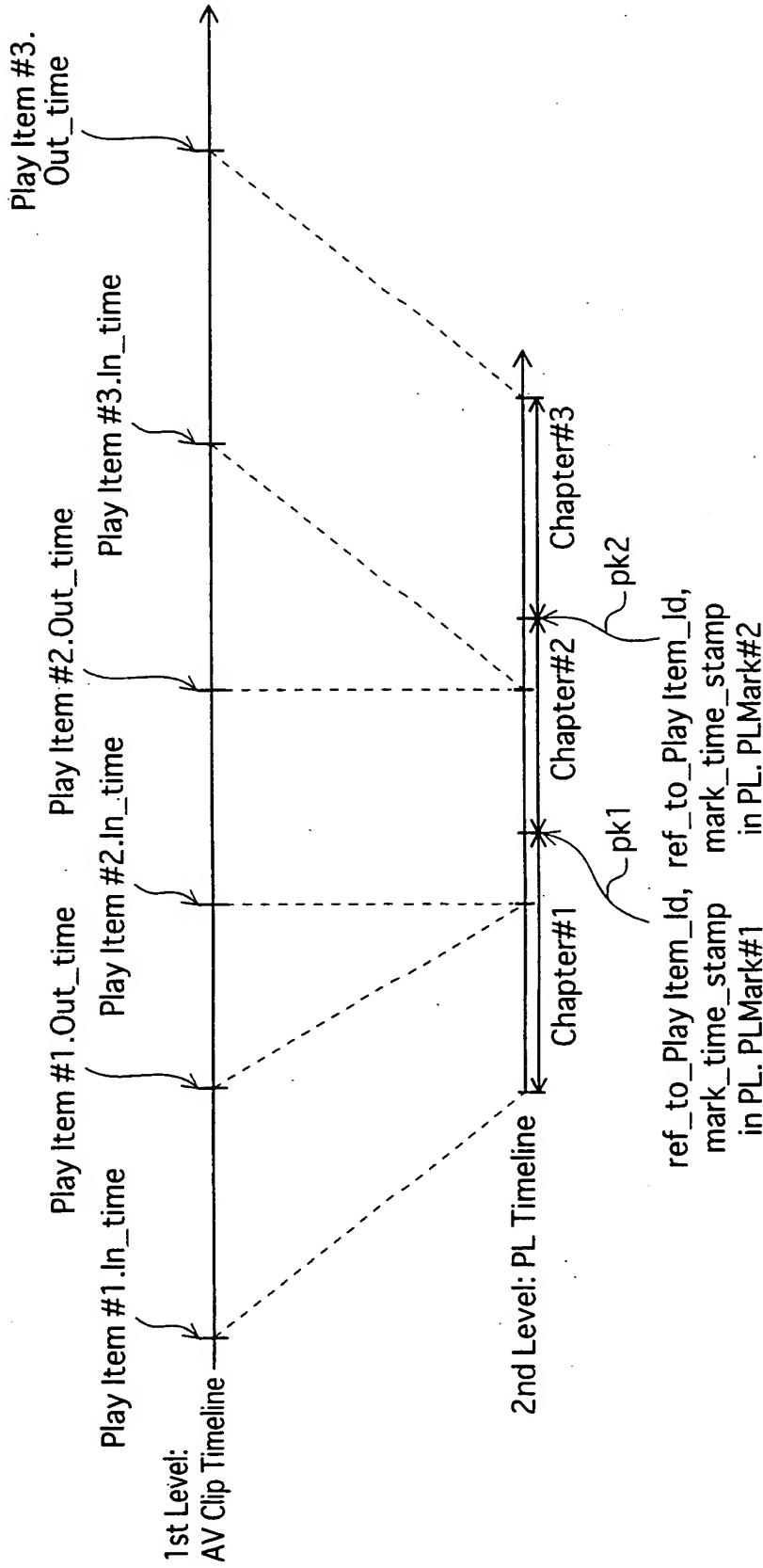
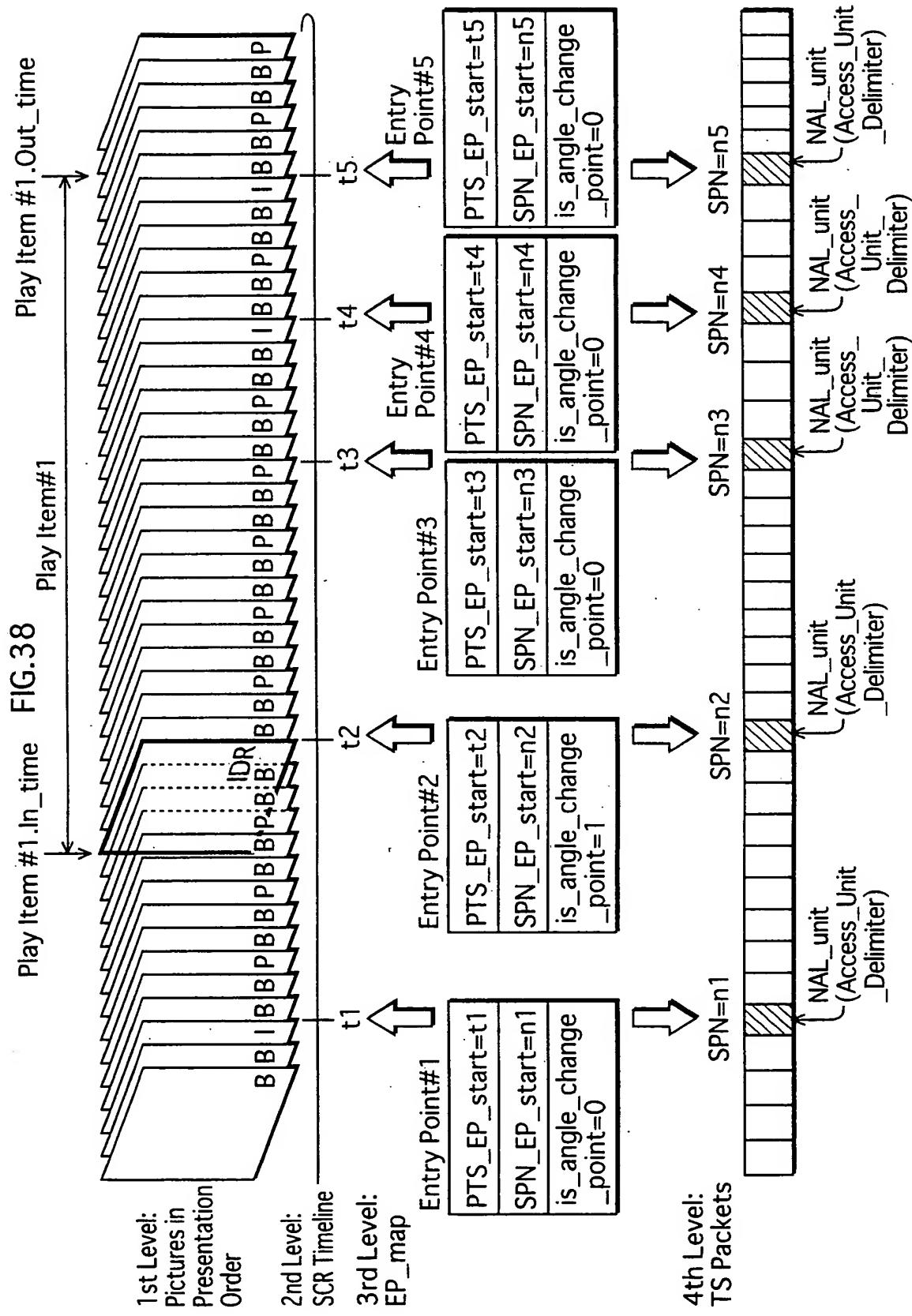
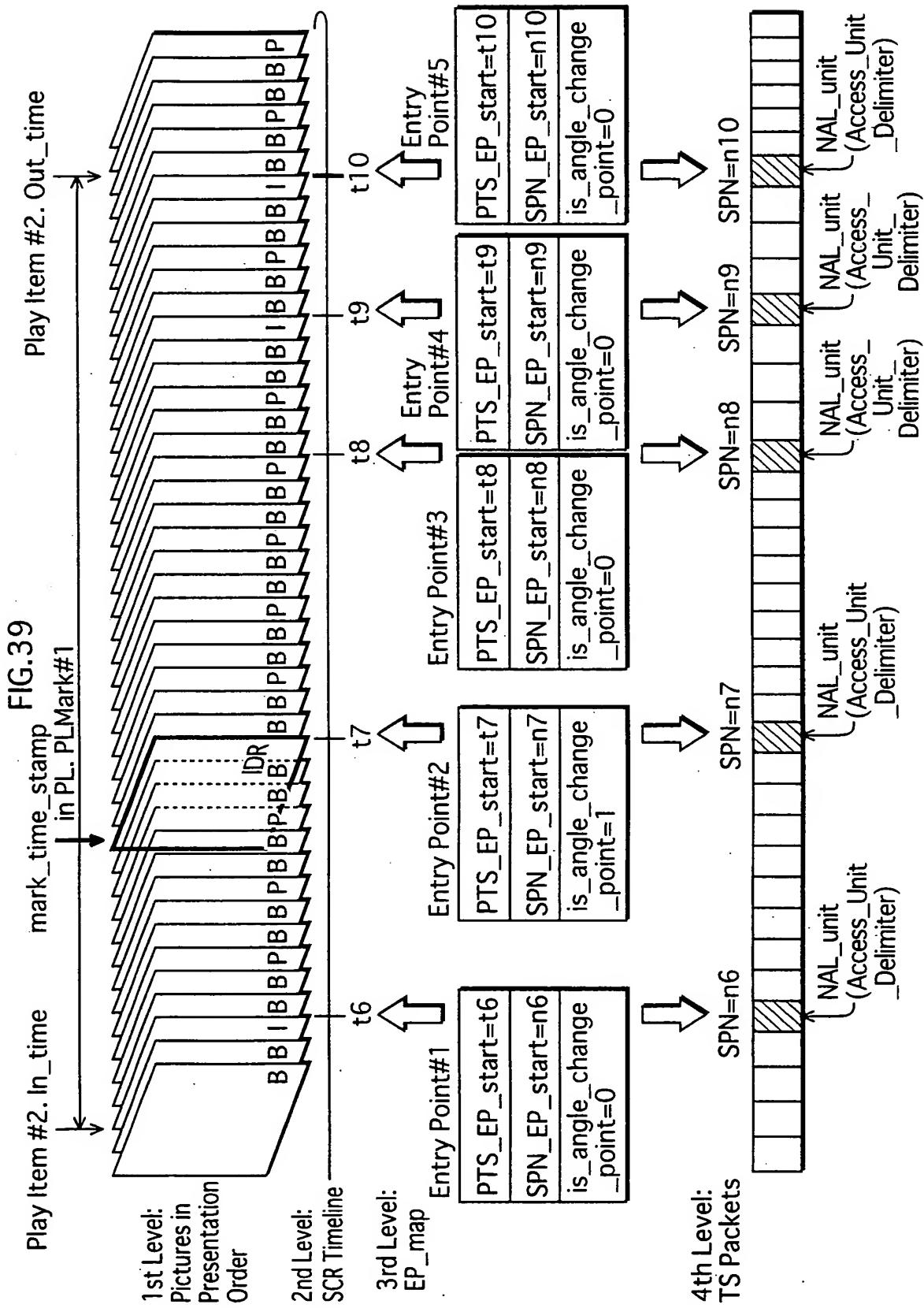


FIG. 37







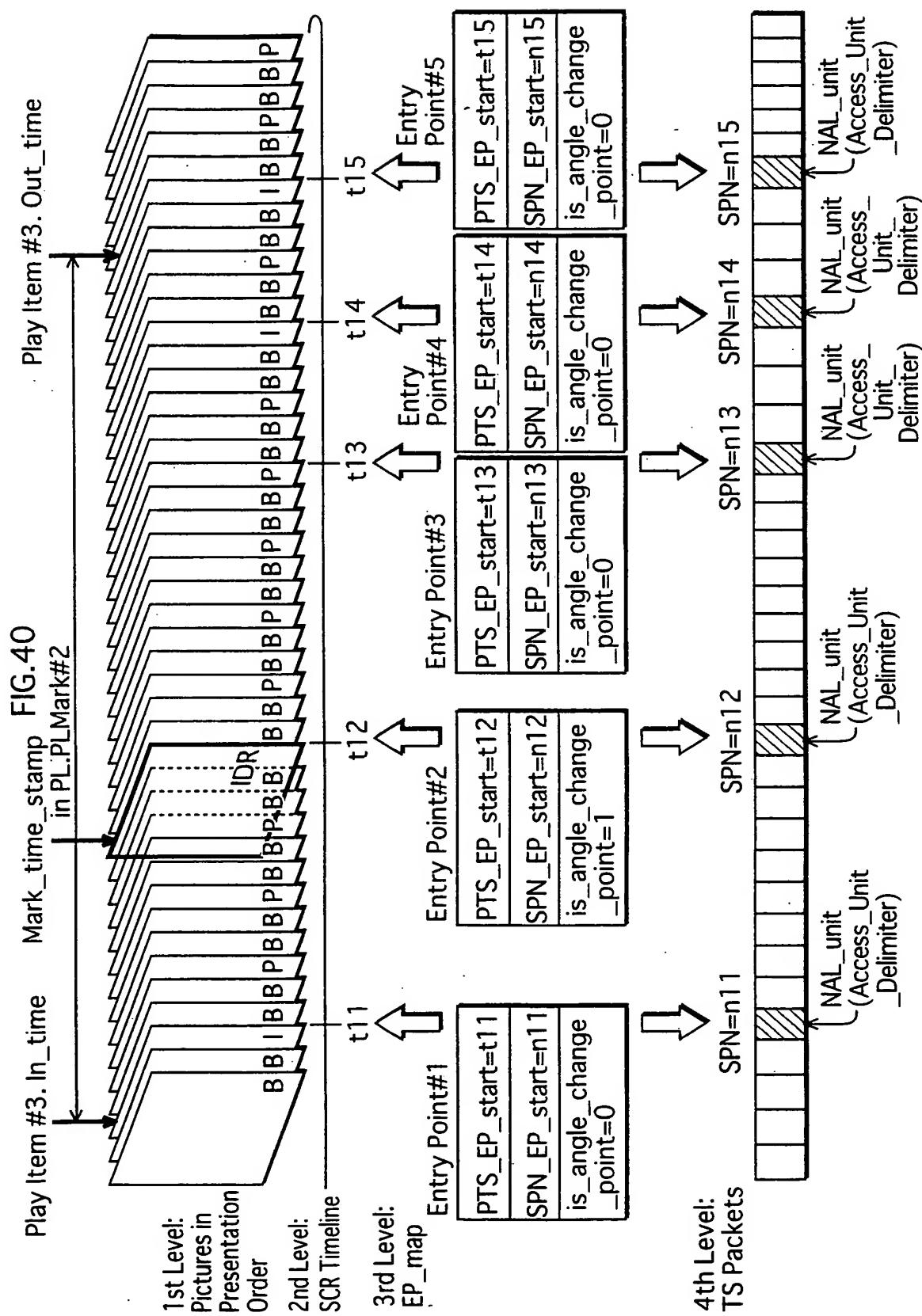


FIG.41

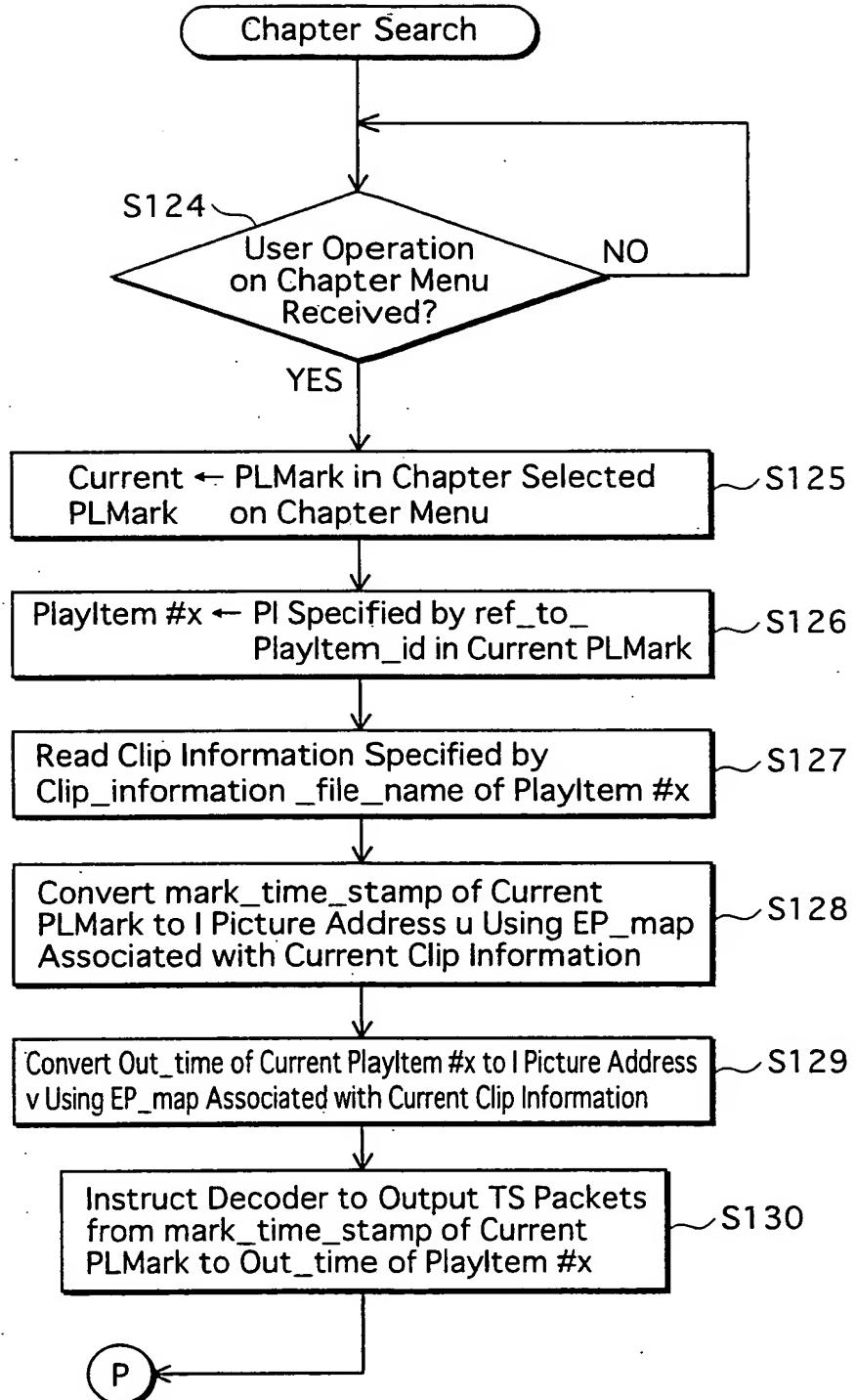


FIG.42

